

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066486.D
 Acq On : 6 Apr 2021 11:23
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:46:55 PM

Quant Time: Apr 06 12:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	308116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	449620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	431029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	213379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	189211	46.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.98%		
35) Dibromofluoromethane	7.504	113	150567	50.43	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.86%		
50) Toluene-d8	10.028	98	572096	50.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.10%		
62) 4-Bromofluorobenzene	12.345	95	193066	49.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	175761	46.12	ug/l	100
3) Chloromethane	2.017	50	210951	46.13	ug/l	97
4) Vinyl Chloride	2.143	62	248987	54.90	ug/l	99
5) Bromomethane	2.499	94	174021	56.66	ug/l	99
6) Chloroethane	2.641	64	167088	58.25	ug/l	98
7) Trichlorofluoromethane	2.955	101	333404	53.84	ug/l	99
8) Diethyl Ether	3.339	74	90860	38.02	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.674	101	144174	42.99	ug/l	99
10) Methyl Iodide	3.870	142	220475	46.38	ug/l	99
11) Tert butyl alcohol	4.682	59	149095	244.81	ug/l #	84
12) 1,1-Dichloroethene	3.658	96	139293	40.82	ug/l	93
13) Acrolein	3.527	56	81535	202.19	ug/l	97
14) Allyl chloride	4.229	41	213503	32.91	ug/l #	84
15) Acrylonitrile	4.876	53	453538	260.01	ug/l	98
16) Acetone	3.733	43	369782	176.40	ug/l	97
17) Carbon Disulfide	3.969	76	418279	41.38	ug/l	100
18) Methyl Acetate	4.232	43	190704	35.15	ug/l	95
19) Methyl tert-butyl Ether	4.937	73	497875	47.85	ug/l	100
20) Methylene Chloride	4.454	84	173333	41.59	ug/l	91
21) trans-1,2-Dichloroethene	4.937	96	160055	49.81	ug/l	93
22) Diisopropyl ether	5.852	45	541645	49.71	ug/l	100
23) Vinyl Acetate	5.790	43	2398426	258.31	ug/l	99
24) 1,1-Dichloroethane	5.742	63	301507	50.04	ug/l	99
25) 2-Butanone	6.734	43	617768	255.99	ug/l	97
26) 2,2-Dichloropropane	6.723	77	259260	48.60	ug/l	99
27) cis-1,2-Dichloroethene	6.731	96	186163	49.74	ug/l	97
28) Bromochloromethane	7.102	49	143087	47.61	ug/l	99
29) Tetrahydrofuran	7.118	42	419291	265.24	ug/l	100
30) Chloroform	7.281	83	307904	50.99	ug/l	98
31) Cyclohexane	7.571	56	258786	46.13	ug/l	95
32) 1,1,1-Trichloroethane	7.485	97	269129	50.84	ug/l	99
36) 1,1-Dichloropropene	7.710	75	221216	51.87	ug/l	99
37) Ethyl Acetate	6.831	43	260488	55.22	ug/l	99
38) Carbon Tetrachloride	7.694	117	230871	53.58	ug/l	99
39) Methylcyclohexane	9.011	83	257846	50.11	ug/l	99
40) Benzene	7.963	78	704583	54.31	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066486.D
 Acq On : 6 Apr 2021 11:23
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:46:55 PM

Quant Time: Apr 06 12:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	128238m	56.21	ug/l	
42) 1,2-Dichloroethane	8.046	62	239678	52.00	ug/l	99
43) Isopropyl Acetate	8.089	43	424343	52.98	ug/l #	92
44) Trichloroethene	8.764	130	180695	53.08	ug/l	97
45) 1,2-Dichloropropane	9.049	63	185999	53.84	ug/l	98
46) Dibromomethane	9.140	93	122103	54.05	ug/l	98
47) Bromodichloromethane	9.336	83	253121	54.16	ug/l	97
48) Methyl methacrylate	9.132	41	192937	51.03	ug/l	95
49) 1,4-Dioxane	9.129	88	53184	1102.09	ug/l	98
51) 4-Methyl-2-Pentanone	9.918	43	1329154	281.80	ug/l	100
52) Toluene	10.092	92	440924	55.26	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	268550	53.20	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	288118	53.21	ug/l	95
55) 1,1,2-Trichloroethane	10.502	97	178064	55.48	ug/l	99
56) Ethyl methacrylate	10.368	69	254825	52.62	ug/l	97
57) 1,3-Dichloropropane	10.644	76	291968	54.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	171308	362.95	ug/l	100
59) 2-Hexanone	10.690	43	944941	287.10	ug/l	99
60) Dibromochloromethane	10.840	129	202768	56.86	ug/l	99
61) 1,2-Dibromoethane	10.945	107	185937	55.61	ug/l	99
64) Tetrachloroethene	10.569	164	185809	50.47	ug/l	99
65) Chlorobenzene	11.374	112	464980	53.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	177220	53.17	ug/l	99
67) Ethyl Benzene	11.454	91	832283	52.99	ug/l	100
68) m/p-Xylenes	11.564	106	637177	106.63	ug/l	98
69) o-Xylene	11.892	106	300594	52.32	ug/l	99
70) Styrene	11.908	104	498673	53.68	ug/l	99
71) Bromoform	12.071	173	148331	53.79	ug/l #	99
73) Isopropylbenzene	12.192	105	809769	50.68	ug/l	100
74) N-amyl acetate	12.018	43	218046	41.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	267391	52.06	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	249765m	52.47	ug/l	
77) Bromobenzene	12.468	156	203801	50.45	ug/l	99
78) n-propylbenzene	12.535	91	927591	53.22	ug/l	100
79) 2-Chlorotoluene	12.616	91	540816	50.55	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	675473	51.65	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.246	75	82767	53.12	ug/l	94
82) 4-Chlorotoluene	12.715	91	550351	51.86	ug/l	99
83) tert-Butylbenzene	12.938	119	565754	50.32	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	653396	51.51	ug/l	99
85) sec-Butylbenzene	13.115	105	752922	51.82	ug/l	100
86) p-Isopropyltoluene	13.233	119	664609	51.28	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	344984	51.13	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	351625	50.25	ug/l	97
89) n-Butylbenzene	13.560	91	539126	50.62	ug/l	99
90) Hexachloroethane	13.815	117	123299	52.17	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	344174	51.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.233	75	52555	53.81	ug/l	96
93) 1,2,4-Trichlorobenzene	14.979	180	199541	48.97	ug/l	100
94) Hexachlorobutadiene	15.107	225	111852	49.90	ug/l	99
95) Naphthalene	15.263	128	558213	45.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.502	180	192695	46.98	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
Data File : VN066486.D
Acq On : 6 Apr 2021 11:23
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

SAM
4/7/2021 5:46:55 PM

Quant Time: Apr 06 12:24:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 12:21:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066486.D
 Acq On : 6 Apr 2021 11:23
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:46:55 PM

Quant Time: Apr 06 12:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

