

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066607.D
 Acq On : 15 Apr 2021 11:42
 Operator : JC/MD
 Sample : VSTDIC040
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:33 PM

Quant Time: Apr 15 12:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	220132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	362578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	347051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	173022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	129265	40.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.22%		
35) Dibromofluoromethane	7.510	113	100498	40.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	81.64%		
50) Toluene-d8	10.029	98	392331	41.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	82.28%		
62) 4-Bromofluorobenzene	12.346	95	147134	42.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	104036	36.74	ug/l	98
3) Chloromethane	2.031	50	146062	37.86	ug/l	99
4) Vinyl Chloride	2.160	62	131067	36.97	ug/l	100
5) Bromomethane	2.495	94	84910	41.43	ug/l	97
6) Chloroethane	2.645	64	77125	33.25	ug/l	98
7) Trichlorofluoromethane	2.965	101	150619	33.34	ug/l	98
8) Diethyl Ether	3.353	74	64033	39.52	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.689	101	88391	36.97	ug/l	97
10) Methyl Iodide	3.882	142	132681	40.06	ug/l	99
11) Tert butyl alcohol	4.705	59	97443	203.54	ug/l	99
12) 1,1-Dichloroethene	3.667	96	89884	38.66	ug/l	89
13) Acrolein	3.544	56	54660	193.21	ug/l	97
14) Allyl chloride	4.246	41	190232	41.45	ug/l	95
15) Acrylonitrile	4.890	53	291445	207.97	ug/l	99
16) Acetone	3.753	43	237624	190.59	ug/l	95
17) Carbon Disulfide	3.978	76	282857	37.73	ug/l	98
18) Methyl Acetate	4.246	43	136243	39.43	ug/l	94
19) Methyl tert-butyl Ether	4.952	73	326947	39.45	ug/l	95
20) Methylene Chloride	4.466	84	114942	36.01	ug/l	92
21) trans-1,2-Dichloroethene	4.946	96	101109	38.47	ug/l	89
22) Diisopropyl ether	5.861	45	397132	39.06	ug/l	93
23) Vinyl Acetate	5.802	43	1675375	208.69	ug/l	95
24) 1,1-Dichloroethane	5.756	63	205794	37.20	ug/l	98
25) 2-Butanone	6.746	43	377283	205.53	ug/l	94
26) 2,2-Dichloropropane	6.733	77	159843	35.83	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	117447	38.51	ug/l	90
28) Bromochloromethane	7.111	49	104764	38.78	ug/l #	81
29) Tetrahydrofuran	7.127	42	263082	214.51	ug/l	91
30) Chloroform	7.288	83	195919	37.13	ug/l	98
31) Cyclohexane	7.575	56	182787	36.76	ug/l	92
32) 1,1,1-Trichloroethane	7.492	97	161775	36.85	ug/l	97
36) 1,1-Dichloropropene	7.714	75	144701	37.75	ug/l	98
37) Ethyl Acetate	6.843	43	164050	40.92	ug/l	98
38) Carbon Tetrachloride	7.698	117	136334	36.88	ug/l	100
39) Methylcyclohexane	9.015	83	167859	38.35	ug/l	93
40) Benzene	7.966	78	464117	37.87	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066607.D
 Acq On : 15 Apr 2021 11:42
 Operator : JC/MD
 Sample : VSTDICC040
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:33 PM

Quant Time: Apr 15 12:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.081	41	62456	33.13	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	156993	37.10	ug/l	98
43) Isopropyl Acetate	8.092	43	273255	39.85	ug/l #	87
44) Trichloroethene	8.768	130	105839	37.63	ug/l	96
45) 1,2-Dichloropropane	9.053	63	130078	38.30	ug/l	99
46) Dibromomethane	9.144	93	76652	38.15	ug/l	96
47) Bromodichloromethane	9.337	83	159477	37.46	ug/l	99
48) Methyl methacrylate	9.136	41	128313	41.27	ug/l	91
49) 1,4-Dioxane	9.136	88	40461	842.62	ug/l	89
51) 4-Methyl-2-Pentanone	9.922	43	833584	215.09	ug/l	95
52) Toluene	10.093	92	281995	39.42	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	177613	39.31	ug/l	100
54) cis-1,3-Dichloropropene	9.777	75	194291	39.34	ug/l	93
55) 1,1,2-Trichloroethane	10.501	97	112357	38.50	ug/l	96
56) Ethyl methacrylate	10.372	69	168156	42.38	ug/l	91
57) 1,3-Dichloropropane	10.648	76	192607	39.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	129292	200.30	ug/l	93
59) 2-Hexanone	10.694	43	568447	236.84	ug/l	95
60) Dibromochloromethane	10.841	129	120527	39.41	ug/l	100
61) 1,2-Dibromoethane	10.946	107	114874	40.59	ug/l	99
64) Tetrachloroethene	10.573	164	95245	37.57	ug/l	95
65) Chlorobenzene	11.375	112	297394	37.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	110339	38.11	ug/l	99
67) Ethyl Benzene	11.453	91	545580	39.90	ug/l	98
68) m/p-Xylenes	11.566	106	408503	80.55	ug/l	96
69) o-Xylene	11.893	106	201720	40.88	ug/l	98
70) Styrene	11.909	104	335283	41.88	ug/l	98
71) Bromoform	12.072	173	90517	41.10	ug/l #	99
73) Isopropylbenzene	12.193	105	535756	40.25	ug/l	99
74) N-amyl acetate	12.022	43	142691	31.65	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.448	83	186403	38.65	ug/l	97
76) 1,2,3-Trichloropropane	12.499	75	165746m	40.07	ug/l	
77) Bromobenzene	12.469	156	133939	39.87	ug/l	92
78) n-propylbenzene	12.534	91	629946	41.54	ug/l	98
79) 2-Chlorotoluene	12.620	91	375401	40.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	459406	40.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.247	75	48440	38.18	ug/l	92
82) 4-Chlorotoluene	12.716	91	383056	41.27	ug/l	97
83) tert-Butylbenzene	12.936	119	385191	41.04	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	442484	41.70	ug/l	99
85) sec-Butylbenzene	13.116	105	518871	41.06	ug/l	99
86) p-Isopropyltoluene	13.234	119	443180	42.07	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	229146	39.28	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	236931	37.74	ug/l	98
89) n-Butylbenzene	13.558	91	370087	38.55	ug/l	98
90) Hexachloroethane	13.816	117	87894	37.50	ug/l	95
91) 1,2-Dichlorobenzene	13.596	146	224305	38.77	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	30857	43.27	ug/l	91
93) 1,2,4-Trichlorobenzene	14.851	180	126856	39.37	ug/l	99
94) Hexachlorobutadiene	14.948	225	65634	35.75	ug/l	99
95) Naphthalene	15.071	128	331624	42.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	120928	39.23	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
Data File : VN066607.D
Acq On : 15 Apr 2021 11:42
Operator : JC/MD
Sample : VSTDICC040
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Manual Integrations
APPROVED

MMDadoda
4/16/2021 1:10:33 PM

Quant Time: Apr 15 12:29:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 12:24:59 2021
Response via : Initial Calibration

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

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

