

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066331.D
 Acq On : 25 Mar 2021 15:24
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	475278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	745637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	645305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	273207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	32423	3.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	7.70%#		
35) Dibromofluoromethane	7.509	113	24587	4.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.68%#		
50) Toluene-d8	10.028	98	89829	4.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.02%#		
62) 4-Bromofluorobenzene	12.345	95	28462	3.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	7.74%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	28400	4.78	ug/l	94
3) Chloromethane	2.014	50	34985	3.47	ug/l	98
4) Vinyl Chloride	2.146	62	32569	3.97	ug/l	97
5) Bromomethane	2.516	94	24660	5.35	ug/l	96
6) Chloroethane	2.652	64	20508	4.48	ug/l	94
7) Trichlorofluoromethane	2.964	101	44925	4.91	ug/l	99
8) Diethyl Ether	3.342	74	18712	5.02	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.677	101	25337	5.62	ug/l	95
10) Methyl Iodide	3.870	142	34183	6.12	ug/l #	96
11) Tert butyl alcohol	4.728	59	22625	15.78	ug/l	100
12) 1,1-Dichloroethene	3.661	96	27107	5.52	ug/l	96
13) Acrolein	3.532	56	28553	30.39	ug/l	99
14) Allyl chloride	4.229	41	49735	3.51	ug/l	97
15) Acrylonitrile	4.886	53	61367	14.92	ug/l	97
16) Acetone	3.747	43	79421	18.13	ug/l	100
17) Carbon Disulfide	3.967	76	75453	4.94	ug/l	100
18) Methyl Acetate	4.240	43	43274	4.01	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	76372	3.69	ug/l	98
20) Methylene Chloride	4.444	84	30623	4.62	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	22242	4.02	ug/l	93
22) Diisopropyl ether	5.857	45	77660	2.83	ug/l	95
23) Vinyl Acetate	5.798	43	332004	14.10	ug/l	99
24) 1,1-Dichloroethane	5.739	63	44289	3.46	ug/l	99
25) 2-Butanone	6.750	43	83588	12.92	ug/l	98
26) 2,2-Dichloropropane	6.726	77	38589	3.61	ug/l	96
27) cis-1,2-Dichloroethene	6.732	96	26081	3.88	ug/l	96
28) Bromochloromethane	7.107	49	23351	3.20	ug/l	99
29) Tetrahydrofuran	7.134	42	54443	12.20	ug/l	98
30) Chloroform	7.287	83	43621	3.75	ug/l	93
31) Cyclohexane	7.577	56	49156	4.05	ug/l #	84
32) 1,1,1-Trichloroethane	7.485	97	39230	3.99	ug/l	100
36) 1,1-Dichloropropene	7.711	75	32366	3.94	ug/l	98
37) Ethyl Acetate	6.842	43	34212	2.83	ug/l #	93
38) Carbon Tetrachloride	7.692	117	33233	4.56	ug/l	97
39) Methylcyclohexane	9.011	83	37975	4.26	ug/l	97
40) Benzene	7.960	78	96723	4.02	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066331.D
 Acq On : 25 Mar 2021 15:24
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	18053m	3.13	ug/l	
42) 1,2-Dichloroethane	8.043	62	34700	3.62	ug/l	99
43) Isopropyl Acetate	8.094	43	59396	3.03	ug/l	99
44) Trichloroethene	8.765	130	25618	4.41	ug/l	91
45) 1,2-Dichloropropane	9.049	63	25796	3.61	ug/l	99
46) Dibromomethane	9.143	93	16856	4.23	ug/l	99
47) Bromodichloromethane	9.336	83	35284	4.04	ug/l	99
48) Methyl methacrylate	9.137	41	27409	2.86	ug/l	98
49) 1,4-Dioxane	9.148	88	6867	74.55	ug/l	99
51) 4-Methyl-2-Pentanone	9.923	43	171763	14.44	ug/l	99
52) Toluene	10.092	92	57597	4.02	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	35983	3.53	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	38845	3.54	ug/l	99
55) 1,1,2-Trichloroethane	10.503	97	23500	4.19	ug/l	95
56) Ethyl methacrylate	10.371	69	34223	3.56	ug/l	97
57) 1,3-Dichloropropane	10.645	76	38921	3.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	13435	4.50	ug/l	99
59) 2-Hexanone	10.696	43	114548	13.47	ug/l	97
60) Dibromochloromethane	10.843	129	25608	4.29	ug/l	98
61) 1,2-Dibromoethane	10.945	107	23816	4.13	ug/l	98
64) Tetrachloroethene	10.572	164	25891	4.86	ug/l	95
65) Chlorobenzene	11.374	112	57790	4.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.452	131	23296	4.65	ug/l	99
67) Ethyl Benzene	11.452	91	105164	4.19	ug/l	97
68) m/p-Xylenes	11.562	106	79536	8.72	ug/l	95
69) o-Xylene	11.889	106	37146	4.24	ug/l	98
70) Styrene	11.908	104	58667	4.08	ug/l	99
71) Bromoform	12.071	173	17691	4.58	ug/l #	99
73) Isopropylbenzene	12.192	105	96612	4.57	ug/l	100
74) N-amyl acetate	12.021	43	19287	1.89	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.450	83	32898	4.42	ug/l	92
76) 1,2,3-Trichloropropane	12.498	75	29701m	3.78	ug/l	
77) Bromobenzene	12.468	156	24117	4.88	ug/l	97
78) n-propylbenzene	12.535	91	99489	4.00	ug/l	99
79) 2-Chlorotoluene	12.616	91	62943	4.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	76599	4.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.246	75	7754	3.10	ug/l	93
82) 4-Chlorotoluene	12.718	91	58184	3.80	ug/l	99
83) tert-Butylbenzene	12.938	119	66206	4.38	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	71137	4.08	ug/l	99
85) sec-Butylbenzene	13.115	105	82768	4.16	ug/l	98
86) p-Isopropyltoluene	13.233	119	72475	4.09	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	38065	4.25	ug/l	100
88) 1,4-Dichlorobenzene	13.308	146	40354	4.44	ug/l	95
89) n-Butylbenzene	13.560	91	58670	3.67	ug/l	98
90) Hexachloroethane	13.815	117	12498	4.46	ug/l	98
91) 1,2-Dichlorobenzene	13.600	146	38862	4.39	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.217	75	5279	2.85	ug/l	95
93) 1,2,4-Trichlorobenzene	14.855	180	22400	4.46	ug/l	99
94) Hexachlorobutadiene	14.949	225	12692	4.88	ug/l	97
95) Naphthalene	15.073	128	68071	4.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.252	180	22931	4.30	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
Data File : VN066331.D
Acq On : 25 Mar 2021 15:24
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
3/29/2021 5:12:09 PM

Quant Time: Mar 26 05:32:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 05:30:52 2021
Response via : Initial Calibration

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

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

