

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067605.D
 Acq On : 2 Jul 2021 9:43
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:50:58 AM

Quant Time: Jul 02 11:34:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:33:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	365042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	656013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	617696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	242841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	29840	5.813	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	11.620%#		
35) Dibromofluoromethane	8.021	113	20547	5.029	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.060%#		
50) Toluene-d8	10.443	98	84868	5.053	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	12.734	95	28366	4.776	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	22618	5.962	ug/l	96
3) Chloromethane	2.301	50	30411	6.535	ug/l	95
4) Vinyl Chloride	2.443	62	45679	7.126	ug/l	95
5) Bromomethane	2.834	94	42896	9.003	ug/l	95
6) Chloroethane	3.006	64	38088	8.363	ug/l	95
7) Trichlorofluoromethane	3.363	101	92597	7.967	ug/l	99
8) Diethyl Ether	3.811	74	22009	7.978	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.197	101	20014	5.587	ug/l #	80
10) Methyl Iodide	4.409	142	20319	4.342	ug/l	88
11) Tert butyl alcohol	5.393	59	20197	27.199	ug/l #	87
12) 1,1-Dichloroethene	4.170	96	18853	5.370	ug/l	84
13) Acrolein	4.039	56	18251	33.877	ug/l	96
14) Allyl chloride	4.830	41	32374	5.560	ug/l #	86
15) Acrylonitrile	5.562	53	55218	28.682	ug/l	96
16) Acetone	4.291	43	49431	29.727	ug/l #	89
17) Carbon Disulfide	4.516	76	50209	5.070	ug/l	96
18) Methyl Acetate	4.859	43	23925	5.400	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	73005	5.379	ug/l	95
20) Methylene Chloride	5.087	84	24998m	5.312	ug/l	
21) trans-1,2-Dichloroethene	5.589	96	21650	5.416	ug/l	90
22) Diisopropyl ether	6.501	45	72705	5.654	ug/l	93
23) Vinyl Acetate	6.436	43	307402m	28.457	ug/l	
24) 1,1-Dichloroethane	6.388	63	41587	5.632	ug/l #	93
25) 2-Butanone	7.343	43	78759	30.297	ug/l	99
26) 2,2-Dichloropropane	7.329	77	35487	5.212	ug/l	84
27) cis-1,2-Dichloroethene	7.329	96	25613	5.263	ug/l	91
28) Bromochloromethane	7.657	49	20112	5.746	ug/l	86
29) Tetrahydrofuran	7.691	42	48328	27.915	ug/l	92
30) Chloroform	7.817	83	45833	5.613	ug/l	99
31) Cyclohexane	8.091	56	47464	6.434	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	39161	5.300	ug/l	97
36) 1,1-Dichloropropene	8.220	75	34146	5.703	ug/l	97
37) Ethyl Acetate	7.415	43	31515	5.711	ug/l #	80
38) Carbon Tetrachloride	8.204	117	31607	4.982	ug/l	97
39) Methylcyclohexane	9.462	83	37629	5.279	ug/l	93
40) Benzene	8.461	78	102430	5.652	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	16175	5.900	ug/l	93
42) 1,2-Dichloroethane	8.528	62	38134	6.021	ug/l	97
43) Isopropyl Acetate	8.566	43	56353	5.927	ug/l #	91
44) Trichloroethene	9.217	130	25291	5.418	ug/l	90
45) 1,2-Dichloropropane	9.488	63	25067	5.543	ug/l	93
46) Dibromomethane	9.580	93	18378	5.679	ug/l	98
47) Bromodichloromethane	9.765	83	32936	5.168	ug/l	98
48) Methyl methacrylate	9.563	41	23996	5.747	ug/l	90
49) 1,4-Dioxane	9.574	88	8819	111.300	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	172001	29.772	ug/l	99
52) Toluene	10.507	92	64265	5.398	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	32388	4.768	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	35595	4.934	ug/l	97
55) 1,1,2-Trichloroethane	10.902	97	25157	5.462	ug/l	95
56) Ethyl methacrylate	10.765	69	36839	5.243	ug/l	97
57) 1,3-Dichloropropane	11.047	76	40917	5.446	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.044	63	33879	24.558	ug/l	91
59) 2-Hexanone	11.089	43	114980	28.130	ug/l	95
60) Dibromochloromethane	11.240	129	22720	4.663	ug/l	99
61) 1,2-Dibromoethane	11.347	107	25213	5.319	ug/l	99
64) Tetrachloroethene	10.980	164	24764	5.736	ug/l	97
65) Chlorobenzene	11.773	112	68752	5.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	22697	4.980	ug/l	97
67) Ethyl Benzene	11.848	91	122959	5.323	ug/l	97
68) m/p-Xylenes	11.958	106	92883	10.407	ug/l	87
69) o-Xylene	12.283	106	44896	5.094	ug/l	92
70) Styrene	12.299	104	69354	4.862	ug/l	93
71) Bromoform	12.460	173	14307	4.469	ug/l #	100
73) Isopropylbenzene	12.581	105	118644	5.809	ug/l	99
74) N-amyl acetate	12.390	43	40717	6.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.833	83	34045	5.891	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	29427m	6.115	ug/l	
77) Bromobenzene	12.862	156	25416	5.631	ug/l	76
78) n-propylbenzene	12.924	91	127623	5.598	ug/l	98
79) 2-Chlorotoluene	13.012	91	78485	5.625	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	90486	5.403	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.632	75	7026	4.209	ug/l	86
82) 4-Chlorotoluene	13.106	91	76177	5.580	ug/l	94
83) tert-Butylbenzene	13.326	119	76780	5.307	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	87404	5.303	ug/l	95
85) sec-Butylbenzene	13.506	105	106581	5.367	ug/l	99
86) p-Isopropyltoluene	13.619	119	82390	5.171	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	43800	5.220	ug/l	96
88) 1,4-Dichlorobenzene	13.699	146	44485	5.348	ug/l	98
89) n-Butylbenzene	13.946	91	69106	5.227	ug/l	98
90) Hexachloroethane	14.217	117	13108	4.698	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	43628	5.446	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	4906	4.861	ug/l	78
93) 1,2,4-Trichlorobenzene	15.271	180	16924	4.920	ug/l #	88
94) Hexachlorobutadiene	15.375	225	9615	6.355	ug/l	96
95) Naphthalene	15.509	128	42350	3.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	14940	4.444	ug/l	100

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

