

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072891.D
 Acq On : 16 Jun 2022 20:26
 Operator : JC\MD
 Sample : VN0616WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 06:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	240604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	394692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	399428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	242368	54.523	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.040%			
35) Dibromofluoromethane	7.951	113	191457	53.401	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.800%			
50) Toluene-d8	10.375	98	720223	51.321	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.663	95	236381	48.556	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	69173	20.629	ug/l	99
3) Chloromethane	2.269	50	79905	20.775	ug/l	97
4) Vinyl Chloride	2.405	62	63759	21.607	ug/l	98
5) Bromomethane	2.810	94	32123	27.857	ug/l	89
6) Chloroethane	2.975	64	38432	22.138	ug/l	92
7) Trichlorofluoromethane	3.322	101	112940	20.166	ug/l	97
8) Diethyl Ether	3.769	74	51940	22.013	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.146	101	61634	19.398	ug/l	98
10) Methyl Iodide	4.351	142	78563	19.620	ug/l	99
11) Tert butyl alcohol	5.293	59	120716	104.299	ug/l	99
12) 1,1-Dichloroethene	4.110	96	67940	20.248	ug/l	97
13) Acrolein	3.981	56	34548	98.185	ug/l	97
14) Allyl chloride	4.769	41	139284	20.478	ug/l	95
15) Acrylonitrile	5.475	53	287228	114.359	ug/l	99
16) Acetone	4.228	43	252073	112.346	ug/l	97
17) Carbon Disulfide	4.457	76	179647	19.783	ug/l	98
18) Methyl Acetate	4.781	43	131740	20.597	ug/l	92
19) Methyl tert-butyl Ether	5.540	73	268283	21.854	ug/l	99
20) Methylene Chloride	5.016	84	86909	21.656	ug/l	92
21) trans-1,2-Dichloroethene	5.522	96	73781	20.784	ug/l	96
22) Diisopropyl ether	6.416	45	281007	22.348	ug/l	97
23) Vinyl Acetate	6.351	43	1277664	111.797	ug/l	97
24) 1,1-Dichloroethane	6.304	63	145413	22.088	ug/l #	97
25) 2-Butanone	7.263	43	408422	114.290	ug/l	96
26) 2,2-Dichloropropane	7.251	77	93150	15.664	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	90777	21.095	ug/l	98
28) Bromochloromethane	7.581	49	55339	19.618	ug/l	91
29) Tetrahydrofuran	7.616	42	269530	113.768	ug/l	90
30) Chloroform	7.745	83	145023	21.348	ug/l	99
31) Cyclohexane	8.022	56	111246	18.666	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	127117	21.130	ug/l	98
36) 1,1-Dichloropropene	8.145	75	98107	20.037	ug/l	99
37) Ethyl Acetate	7.339	43	154849	21.852	ug/l	97
38) Carbon Tetrachloride	8.134	117	102727	19.487	ug/l	93
39) Methylcyclohexane	9.392	83	109166	17.963	ug/l	95
40) Benzene	8.386	78	330799	21.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	74551	20.208	ug/l	88
42) 1,2-Dichloroethane	8.463	62	121349	21.572	ug/l	99
43) Isopropyl Acetate	8.492	43	244076	22.130	ug/l	94
44) Trichloroethene	9.145	130	82709	19.830	ug/l	92
45) 1,2-Dichloropropane	9.422	63	84276	21.409	ug/l	100
46) Dibromomethane	9.510	93	58925	21.570	ug/l	95
47) Bromodichloromethane	9.698	83	116189	20.997	ug/l	99
48) Methyl methacrylate	9.492	41	108291	21.497	ug/l	93
49) 1,4-Dioxane	9.504	88	45059	422.268	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	783762	109.856	ug/l	92
52) Toluene	10.439	92	211682	20.967	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	125890	19.968	ug/l	96
54) cis-1,3-Dichloropropene	10.122	75	134001	20.472	ug/l	91
55) 1,1,2-Trichloroethane	10.833	97	86273	21.166	ug/l	98
56) Ethyl methacrylate	10.698	69	147520	21.313	ug/l	90
57) 1,3-Dichloropropane	10.980	76	147410	21.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	262867	107.436	ug/l	98
59) 2-Hexanone	11.022	43	578755	109.246	ug/l	91
60) Dibromochloromethane	11.175	129	90092	20.602	ug/l	99
61) 1,2-Dibromoethane	11.280	107	90864	20.484	ug/l	97
64) Tetrachloroethene	10.910	164	76220	19.875	ug/l	98
65) Chlorobenzene	11.704	112	211840	20.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.774	131	84741	20.826	ug/l	99
67) Ethyl Benzene	11.780	91	374479	20.133	ug/l	99
68) m/p-Xylenes	11.886	106	284101	39.780	ug/l	99
69) o-Xylene	12.216	106	147248	20.096	ug/l	100
70) Styrene	12.233	104	226266	19.950	ug/l	99
71) Bromoform	12.392	173	67203	20.440	ug/l #	99
73) Isopropylbenzene	12.516	105	355595	19.989	ug/l	100
74) N-amyl acetate	12.327	43	168043	21.969	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	127552	21.928	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	114812m	20.706	ug/l	
77) Bromobenzene	12.792	156	85955	20.675	ug/l	94
78) n-propylbenzene	12.857	91	364587	19.651	ug/l	100
79) 2-Chlorotoluene	12.939	91	239441	19.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	280893	19.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	35475	18.223	ug/l	92
82) 4-Chlorotoluene	13.039	91	222886	19.999	ug/l	99
83) tert-Butylbenzene	13.257	119	242953	19.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	278813	20.343	ug/l	98
85) sec-Butylbenzene	13.433	105	322406	19.489	ug/l	100
86) p-Isopropyltoluene	13.551	119	259173	19.411	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	135783	20.042	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	135136	19.780	ug/l	98
89) n-Butylbenzene	13.874	91	193348	18.840	ug/l	99
90) Hexachloroethane	14.145	117	52582	18.215	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	141582	20.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	27535	21.560	ug/l	96
93) 1,2,4-Trichlorobenzene	15.192	180	70484	20.592	ug/l	98
94) Hexachlorobutadiene	15.292	225	29342	17.318	ug/l	98
95) Naphthalene	15.427	128	264732	22.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	72445	21.313	ug/l	98

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

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