

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071575.D
 Acq On : 26 Mar 2022 16:13
 Operator : JC\MD
 Sample : VN0326WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 02:18:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	614091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	974321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	895287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	350050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	402487	52.754	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.500%			
35) Dibromofluoromethane	8.016	113	322230	52.624	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.240%			
50) Toluene-d8	10.439	98	1305392	52.853	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.727	95	421672	52.105	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	124725	19.465	ug/l	98
3) Chloromethane	2.299	50	141799	18.582	ug/l	99
4) Vinyl Chloride	2.440	62	163663	18.939	ug/l	98
5) Bromomethane	2.834	94	108283	23.743	ug/l	97
6) Chloroethane	3.004	64	104256	18.000	ug/l	99
7) Trichlorofluoromethane	3.369	101	197654	19.818	ug/l	98
8) Diethyl Ether	3.822	74	84903	20.422	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.204	101	119004	19.916	ug/l	98
10) Methyl Iodide	4.416	142	168489	19.556	ug/l	99
11) Tert butyl alcohol	5.363	59	144602	101.707	ug/l	99
12) 1,1-Dichloroethene	4.175	96	112676	19.146	ug/l	97
13) Acrolein	4.034	56	87167	80.168	ug/l	95
14) Allyl chloride	4.840	41	180279	18.977	ug/l	100
15) Acrylonitrile	5.545	53	396530	102.585	ug/l	99
16) Acetone	4.287	43	316215	101.116	ug/l	99
17) Carbon Disulfide	4.528	76	279812	18.230	ug/l	99
18) Methyl Acetate	4.851	43	176689	20.834	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	431343	20.493	ug/l	97
20) Methylene Chloride	5.092	84	140944	19.342	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	123580	19.349	ug/l	95
22) Diisopropyl ether	6.492	45	405221	20.575	ug/l	98
23) Vinyl Acetate	6.428	43	1746734	103.306	ug/l	99
24) 1,1-Dichloroethane	6.381	63	237133	19.873	ug/l	97
25) 2-Butanone	7.328	43	507798	101.208	ug/l	97
26) 2,2-Dichloropropane	7.322	77	198925	19.926	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	151609	19.910	ug/l	99
28) Bromochloromethane	7.651	49	93589	19.194	ug/l	99
29) Tetrahydrofuran	7.681	42	341935	102.492	ug/l	100
30) Chloroform	7.816	83	245470	20.521	ug/l	100
31) Cyclohexane	8.086	56	212936	19.505	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	209981	20.152	ug/l	99
36) 1,1-Dichloropropene	8.216	75	174538	19.769	ug/l	100
37) Ethyl Acetate	7.404	43	209931	21.815	ug/l	99
38) Carbon Tetrachloride	8.204	117	170943	19.863	ug/l	98
39) Methylcyclohexane	9.457	83	222835	20.573	ug/l	99
40) Benzene	8.457	78	557427	20.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	93394	20.442	ug/l	96
42) 1,2-Dichloroethane	8.528	62	198604	20.718	ug/l	99
43) Isopropyl Acetate	8.557	43	325353	20.913	ug/l	98
44) Trichloroethene	9.210	130	142752	20.011	ug/l	99
45) 1,2-Dichloropropane	9.486	63	140272	20.605	ug/l	99
46) Dibromomethane	9.575	93	96318	20.788	ug/l	98
47) Bromodichloromethane	9.757	83	192010	21.143	ug/l	99
48) Methyl methacrylate	9.557	41	148009	21.305	ug/l	100
49) 1,4-Dioxane	9.563	88	71756	447.616	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	1015298	105.382	ug/l	99
52) Toluene	10.504	92	358557	20.846	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	204234	20.914	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	227210	21.099	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	148661	21.319	ug/l	98
56) Ethyl methacrylate	10.757	69	223229	21.237	ug/l	98
57) 1,3-Dichloropropane	11.039	76	246092	20.974	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	261283	91.538	ug/l	99
59) 2-Hexanone	11.080	43	735941	105.960	ug/l	100
60) Dibromochloromethane	11.233	129	148534	21.119	ug/l	99
61) 1,2-Dibromoethane	11.345	107	151589	21.547	ug/l	99
64) Tetrachloroethene	10.974	164	126251	20.402	ug/l	97
65) Chlorobenzene	11.769	112	386264	20.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	141182	21.010	ug/l	99
67) Ethyl Benzene	11.839	91	667502	20.470	ug/l	98
68) m/p-Xylenes	11.951	106	516751	41.414	ug/l	100
69) o-Xylene	12.274	106	258470	20.851	ug/l	97
70) Styrene	12.292	104	402280	20.814	ug/l	100
71) Bromoform	12.451	173	111808	21.156	ug/l	99
73) Isopropylbenzene	12.574	105	650640	21.082	ug/l	100
74) N-amyl acetate	12.386	43	205686	20.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	223919	22.518	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	175653m	22.503	ug/l	
77) Bromobenzene	12.857	156	160163	20.824	ug/l	100
78) n-propylbenzene	12.915	91	692291	21.084	ug/l	100
79) 2-Chlorotoluene	13.004	91	443514	20.933	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	523706	21.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	62621	21.479	ug/l	99
82) 4-Chlorotoluene	13.104	91	406898	20.860	ug/l	99
83) tert-Butylbenzene	13.321	119	462595	21.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	509799	21.686	ug/l	99
85) sec-Butylbenzene	13.498	105	619456	21.251	ug/l	100
86) p-Isopropyltoluene	13.610	119	496037	21.348	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	259225	20.779	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	247358	20.061	ug/l	98
89) n-Butylbenzene	13.939	91	359932	20.226	ug/l	99
90) Hexachloroethane	14.204	117	92757	20.452	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	250940	20.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37248	20.411	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	110372	19.918	ug/l	100
94) Hexachlorobutadiene	15.368	225	72438	21.617	ug/l	98
95) Naphthalene	15.504	128	302590	19.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	111514	20.282	ug/l	99

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

