

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072925.D
 Acq On : 18 Jun 2022 08:54
 Operator : JC\MD
 Sample : VN0618WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 08:01:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	307499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	532667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	214252	51.536	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.080%			
35) Dibromofluoromethane	7.951	113	169003	51.332	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.374	98	617289	50.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.663	95	214049	48.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	59687	20.387	ug/l	99
3) Chloromethane	2.269	50	60812	19.672	ug/l	95
4) Vinyl Chloride	2.410	62	55153	21.006	ug/l	98
5) Bromomethane	2.810	94	29155	28.208	ug/l	98
6) Chloroethane	2.975	64	35444	21.577	ug/l	91
7) Trichlorofluoromethane	3.316	101	98308	22.992	ug/l	96
8) Diethyl Ether	3.769	74	43836	19.865	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.145	101	58278	19.718	ug/l	97
10) Methyl Iodide	4.357	142	63348	18.699	ug/l	97
11) Tert butyl alcohol	5.292	59	103659	96.527	ug/l	100
12) 1,1-Dichloroethene	4.122	96	57904	19.668	ug/l	99
13) Acrolein	3.981	56	41710	98.619	ug/l	96
14) Allyl chloride	4.763	41	122589	19.489	ug/l #	93
15) Acrylonitrile	5.475	53	246997	99.775	ug/l	99
16) Acetone	4.228	43	216904	94.915	ug/l	93
17) Carbon Disulfide	4.463	76	144436	19.148	ug/l	98
18) Methyl Acetate	4.781	43	116957	19.219	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	226603	20.494	ug/l	96
20) Methylene Chloride	5.016	84	70232	19.667	ug/l	93
21) trans-1,2-Dichloroethene	5.522	96	61960	19.348	ug/l	99
22) Diisopropyl ether	6.410	45	240951	20.548	ug/l #	93
23) Vinyl Acetate	6.351	43	1116609	103.156	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	125351	20.390	ug/l	99
25) 2-Butanone	7.263	43	352615	97.237	ug/l	92
26) 2,2-Dichloropropane	7.251	77	101959	19.628	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	77721	20.314	ug/l	100
28) Bromochloromethane	7.581	49	51496	20.254	ug/l	86
29) Tetrahydrofuran	7.610	42	237422	99.145	ug/l	90
30) Chloroform	7.745	83	126940	20.397	ug/l	97
31) Cyclohexane	8.022	56	107546	19.124	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	107591	19.700	ug/l	99
36) 1,1-Dichloropropene	8.145	75	88380	19.839	ug/l	98
37) Ethyl Acetate	7.339	43	139966	19.642	ug/l	95
38) Carbon Tetrachloride	8.128	117	91520	19.531	ug/l	95
39) Methylcyclohexane	9.392	83	101052	18.819	ug/l	95
40) Benzene	8.386	78	279324	19.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	65926	19.510	ug/l	89
42) 1,2-Dichloroethane	8.463	62	104110	20.936	ug/l	100
43) Isopropyl Acetate	8.492	43	203379	19.967	ug/l	95
44) Trichloroethene	9.151	130	68012	19.169	ug/l	99
45) 1,2-Dichloropropane	9.422	63	72189	20.171	ug/l	99
46) Dibromomethane	9.510	93	50034	20.677	ug/l	94
47) Bromodichloromethane	9.692	83	97288	20.230	ug/l	99
48) Methyl methacrylate	9.492	41	90425	19.444	ug/l	92
49) 1,4-Dioxane	9.504	88	38900	371.753	ug/l #	95
51) 4-Methyl-2-Pentanone	10.263	43	667927	100.557	ug/l	91
52) Toluene	10.439	92	174139	20.259	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	104793	20.262	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	113499	20.091	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	71710	19.000	ug/l	93
56) Ethyl methacrylate	10.698	69	119986	19.834	ug/l	86
57) 1,3-Dichloropropane	10.980	76	125681	20.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.974	63	273343	102.345	ug/l	97
59) 2-Hexanone	11.021	43	513735	99.998	ug/l	90
60) Dibromochloromethane	11.174	129	72650	20.367	ug/l	98
61) 1,2-Dibromoethane	11.280	107	75391	20.262	ug/l	98
64) Tetrachloroethene	10.910	164	53422	19.025	ug/l	93
65) Chlorobenzene	11.704	112	181242	20.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	70169	20.452	ug/l	97
67) Ethyl Benzene	11.780	91	316208	19.927	ug/l	99
68) m/p-Xylenes	11.886	106	241471	38.798	ug/l	96
69) o-Xylene	12.216	106	122861	19.755	ug/l	98
70) Styrene	12.227	104	196734	19.698	ug/l	97
71) Bromoform	12.392	173	52170	20.167	ug/l #	99
73) Isopropylbenzene	12.515	105	310992	19.493	ug/l	99
74) N-amyl acetate	12.327	43	162320	19.606	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	115753	20.147	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	100320m	20.065	ug/l	
77) Bromobenzene	12.792	156	75748	19.819	ug/l	91
78) n-propylbenzene	12.857	91	353167	20.126	ug/l	97
79) 2-Chlorotoluene	12.939	91	218482	19.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	258018	19.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	35290	19.062	ug/l	95
82) 4-Chlorotoluene	13.039	91	212236	19.741	ug/l	97
83) tert-Butylbenzene	13.257	119	228195	19.013	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	258590	19.812	ug/l	98
85) sec-Butylbenzene	13.433	105	310457	19.391	ug/l	100
86) p-Isopropyltoluene	13.551	119	255331	19.698	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	133578	19.576	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	131796	19.084	ug/l	96
89) n-Butylbenzene	13.874	91	210353	19.874	ug/l	99
90) Hexachloroethane	14.145	117	47978	19.634	ug/l	90
91) 1,2-Dichlorobenzene	13.921	146	140946	19.807	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	28512	19.628	ug/l	92
93) 1,2,4-Trichlorobenzene	15.192	180	74423	18.898	ug/l	99
94) Hexachlorobutadiene	15.292	225	33850	19.752	ug/l	95
95) Naphthalene	15.427	128	301334	18.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	79857	18.990	ug/l	99

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

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