

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072924.D
 Acq On : 18 Jun 2022 08:29
 Operator : JC\MD
 Sample : VN0618WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Quant Time: Jun 20 08:01:19 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	322517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	539891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	470664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	214141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	212507	48.736	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.480%		
35) Dibromofluoromethane	7.945	113	167706	50.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	10.375	98	627473	50.533	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.663	95	222619	49.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	62835	20.462	ug/l	99
3) Chloromethane	2.269	50	63638	19.629	ug/l	99
4) Vinyl Chloride	2.410	62	54788	19.895	ug/l	98
5) Bromomethane	2.805	94	29855	27.540	ug/l	99
6) Chloroethane	2.969	64	34975	20.300	ug/l	99
7) Trichlorofluoromethane	3.316	101	102548	22.867	ug/l	98
8) Diethyl Ether	3.769	74	44354	19.164	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.146	101	60018	19.361	ug/l	97
10) Methyl Iodide	4.351	142	60770	17.103	ug/l	99
11) Tert butyl alcohol	5.287	59	90050	79.950	ug/l	99
12) 1,1-Dichloroethene	4.116	96	59120	19.146	ug/l	98
13) Acrolein	3.981	56	41092	92.633	ug/l	94
14) Allyl chloride	4.757	41	118402	17.947	ug/l	96
15) Acrylonitrile	5.475	53	231960	89.338	ug/l	99
16) Acetone	4.228	43	197952	82.588	ug/l	93
17) Carbon Disulfide	4.457	76	143970	18.197	ug/l	100
18) Methyl Acetate	4.775	43	108047	16.928	ug/l	93
19) Methyl tert-butyl Ether	5.534	73	225129	19.413	ug/l	99
20) Methylene Chloride	5.022	84	70752	18.881	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	63382	18.870	ug/l	94
22) Diisopropyl ether	6.410	45	237376	19.301	ug/l	95
23) Vinyl Acetate	6.351	43	1085179	95.585	ug/l	95
24) 1,1-Dichloroethane	6.304	63	123814	19.202	ug/l	99
25) 2-Butanone	7.257	43	325701	85.633	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	102732	18.833	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	76613	19.092	ug/l	97
28) Bromochloromethane	7.581	49	57927	21.723	ug/l	89
29) Tetrahydrofuran	7.610	42	220516	87.798	ug/l	89
30) Chloroform	7.740	83	123845	18.973	ug/l	98
31) Cyclohexane	8.016	56	112697	19.107	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	110330	19.261	ug/l	100
36) 1,1-Dichloropropene	8.145	75	88930	19.695	ug/l	98
37) Ethyl Acetate	7.334	43	133632	18.502	ug/l	94
38) Carbon Tetrachloride	8.128	117	91485	19.262	ug/l	97
39) Methylcyclohexane	9.392	83	112704	20.708	ug/l	98
40) Benzene	8.387	78	286151	20.165	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	66178	19.322	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	102237	20.284	ug/l	100
43) Isopropyl Acetate	8.492	43	196908	19.073	ug/l	95
44) Trichloroethene	9.145	130	70362	19.566	ug/l	90
45) 1,2-Dichloropropane	9.422	63	71927	19.829	ug/l	99
46) Dibromomethane	9.510	93	49641	20.240	ug/l	97
47) Bromodichloromethane	9.692	83	98278	20.162	ug/l	98
48) Methyl methacrylate	9.492	41	86403	18.330	ug/l	92
49) 1,4-Dioxane	9.504	88	35231	332.185	ug/l #	94
51) 4-Methyl-2-Pentanone	10.263	43	628265	93.320	ug/l	92
52) Toluene	10.439	92	175303	20.121	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	105242	20.076	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	116045	20.267	ug/l	91
55) 1,1,2-Trichloroethane	10.833	97	71230	18.620	ug/l	96
56) Ethyl methacrylate	10.698	69	118935	19.397	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	122538	19.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	267797	98.927	ug/l	96
59) 2-Hexanone	11.022	43	472633	90.767	ug/l	91
60) Dibromochloromethane	11.169	129	74537	20.617	ug/l	99
61) 1,2-Dibromoethane	11.280	107	74441	19.739	ug/l	98
64) Tetrachloroethene	10.910	164	57038	19.921	ug/l	96
65) Chlorobenzene	11.704	112	183199	19.931	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.775	131	71176	20.345	ug/l	97
67) Ethyl Benzene	11.780	91	332976	20.578	ug/l	99
68) m/p-Xylenes	11.886	106	255366	40.238	ug/l	97
69) o-Xylene	12.216	106	127988	20.182	ug/l	97
70) Styrene	12.227	104	204626	20.093	ug/l	99
71) Bromoform	12.392	173	53545	20.299	ug/l #	98
73) Isopropylbenzene	12.516	105	326673	19.719	ug/l	100
74) N-amyl acetate	12.322	43	160111	18.624	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	113158	18.966	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	82796m	15.947	ug/l	
77) Bromobenzene	12.798	156	76693	19.324	ug/l	93
78) n-propylbenzene	12.857	91	371432	20.383	ug/l	98
79) 2-Chlorotoluene	12.939	91	229605	19.458	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	271847	19.977	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	35149	18.283	ug/l	92
82) 4-Chlorotoluene	13.039	91	221084	19.803	ug/l	99
83) tert-Butylbenzene	13.257	119	238689	19.152	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	273765	20.198	ug/l	97
85) sec-Butylbenzene	13.433	105	330364	19.871	ug/l	100
86) p-Isopropyltoluene	13.551	119	274698	20.408	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	139456	19.682	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	138970	19.378	ug/l	97
89) n-Butylbenzene	13.874	91	223331	20.320	ug/l	99
90) Hexachloroethane	14.145	117	52055	20.514	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	144866	19.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	26355	17.463	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	78264	19.138	ug/l	98
94) Hexachlorobutadiene	15.292	225	33083	18.591	ug/l	96
95) Naphthalene	15.427	128	284889	17.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	80225	18.371	ug/l	97

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

