

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072045.D
 Acq On : 19 Apr 2022 13:25
 Operator : JC\MD
 Sample : VN0419WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:24:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	489073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	767420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	754714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	276367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	272326	48.775	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.540%		
35) Dibromofluoromethane	8.016	113	235204	52.084	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.160%		
50) Toluene-d8	10.433	98	947652	51.299	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.727	95	301433	50.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	98785	25.407	ug/l	96
3) Chloromethane	2.299	50	110565	22.441	ug/l	99
4) Vinyl Chloride	2.440	62	102935	19.024	ug/l	96
5) Bromomethane	2.810	94	34809	9.897	ug/l	96
6) Chloroethane	2.963	64	69011	17.730	ug/l	98
7) Trichlorofluoromethane	3.346	101	149152	21.667	ug/l	99
8) Diethyl Ether	3.816	74	68977	23.710	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.199	101	91215	21.502	ug/l	96
10) Methyl Iodide	4.410	142	127308	21.469	ug/l	100
11) Tert butyl alcohol	5.375	59	81736	90.208	ug/l	95
12) 1,1-Dichloroethene	4.169	96	86879	21.522	ug/l	93
13) Acrolein	4.034	56	55039	49.818	ug/l	98
14) Allyl chloride	4.828	41	132433	20.212	ug/l	93
15) Acrylonitrile	5.545	53	316105	120.024	ug/l	98
16) Acetone	4.281	43	208877	87.538	ug/l	92
17) Carbon Disulfide	4.522	76	205403	22.176	ug/l	98
18) Methyl Acetate	4.846	43	138169	22.553	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	337087	22.477	ug/l	100
20) Methylene Chloride	5.087	84	117839	23.430	ug/l	92
21) trans-1,2-Dichloroethene	5.587	96	97099	21.911	ug/l	95
22) Diisopropyl ether	6.487	45	317793	22.279	ug/l	95
23) Vinyl Acetate	6.422	43	1332343	117.460	ug/l	99
24) 1,1-Dichloroethane	6.381	63	186630	22.288	ug/l	99
25) 2-Butanone	7.328	43	376302	109.394	ug/l	99
26) 2,2-Dichloropropane	7.316	77	145307	20.200	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	123022	22.638	ug/l	96
28) Bromochloromethane	7.651	49	65929	19.518	ug/l	93
29) Tetrahydrofuran	7.681	42	248955	111.771	ug/l	97
30) Chloroform	7.810	83	192291	21.748	ug/l	98
31) Cyclohexane	8.092	56	163870	21.582	ug/l	97
32) 1,1,1-Trichloroethane	8.004	97	156299	20.663	ug/l	98
36) 1,1-Dichloropropene	8.216	75	135813	21.536	ug/l	99
37) Ethyl Acetate	7.404	43	152722	22.126	ug/l	96
38) Carbon Tetrachloride	8.198	117	129489	20.952	ug/l	94
39) Methylcyclohexane	9.457	83	169990	22.645	ug/l	95
40) Benzene	8.451	78	459887	23.086	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	72187	21.359	ug/l	94
42) 1,2-Dichloroethane	8.522	62	151483	21.982	ug/l	97
43) Isopropyl Acetate	8.551	43	235305	20.496	ug/l	96
44) Trichloroethene	9.210	130	114673	22.344	ug/l	99
45) 1,2-Dichloropropane	9.486	63	115206	23.149	ug/l	98
46) Dibromomethane	9.575	93	78306	23.175	ug/l	97
47) Bromodichloromethane	9.757	83	150569	22.637	ug/l	99
48) Methyl methacrylate	9.551	41	106048	22.264	ug/l	89
49) 1,4-Dioxane	9.563	88	26867	227.086	ug/l	92
51) 4-Methyl-2-Pentanone	10.328	43	792857	120.116	ug/l	96
52) Toluene	10.498	92	305012	24.222	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	162439	23.302	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	181416	23.553	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	127722	24.644	ug/l	96
56) Ethyl methacrylate	10.757	69	189895	25.685	ug/l	92
57) 1,3-Dichloropropane	11.039	76	210315	24.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	276454	130.181	ug/l	100
59) 2-Hexanone	11.080	43	509406	109.614	ug/l	95
60) Dibromochloromethane	11.233	129	124099	24.558	ug/l	99
61) 1,2-Dibromoethane	11.339	107	126387	24.774	ug/l	97
64) Tetrachloroethene	10.975	164	103075	20.683	ug/l	98
65) Chlorobenzene	11.769	112	333753	22.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	116625	21.387	ug/l	100
67) Ethyl Benzene	11.839	91	557892	21.807	ug/l	98
68) m/p-Xylenes	11.951	106	433741	44.127	ug/l	98
69) o-Xylene	12.274	106	214213	21.956	ug/l	98
70) Styrene	12.292	104	332596	22.499	ug/l	98
71) Bromoform	12.451	173	88863	21.399	ug/l #	98
73) Isopropylbenzene	12.574	105	531174	22.808	ug/l	99
74) N-amyl acetate	12.386	43	141026	21.135	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	166532	21.432	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	122125m	19.075	ug/l	
77) Bromobenzene	12.857	156	129270	22.142	ug/l	94
78) n-propylbenzene	12.916	91	555924	22.693	ug/l	100
79) 2-Chlorotoluene	13.004	91	345656	22.001	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	448456	24.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	41592	20.132	ug/l	98
82) 4-Chlorotoluene	13.098	91	318765	21.889	ug/l	99
83) tert-Butylbenzene	13.316	119	374833	22.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	438285	24.344	ug/l	98
85) sec-Butylbenzene	13.498	105	499442	22.842	ug/l	100
86) p-Isopropyltoluene	13.610	119	414964	23.802	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	200575	21.565	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	195726	21.570	ug/l	100
89) n-Butylbenzene	13.939	91	282452	21.844	ug/l	99
90) Hexachloroethane	14.204	117	64370	20.170	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	199821	21.884	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25231	20.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	84478	20.491	ug/l	99
94) Hexachlorobutadiene	15.362	225	54749	20.330	ug/l	99
95) Naphthalene	15.504	128	225530	20.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	85303	21.468	ug/l	100

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

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