

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075280.D
 Acq On : 15 Nov 2022 13:46
 Operator : JC\MD
 Sample : VN1115WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 01:02:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	126623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	201772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72520	42.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.020%		
35) Dibromofluoromethane	8.171	113	64771	49.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	10.565	98	234953	46.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.380%		
62) 4-Bromofluorobenzene	12.847	95	89192	49.919	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	27909	16.943	ug/l	92
3) Chloromethane	2.371	50	27904	15.948	ug/l	98
4) Vinyl Chloride	2.524	62	37818	15.151	ug/l	96
5) Bromomethane	2.918	94	33286	15.252	ug/l	93
6) Chloroethane	3.100	64	28577	15.966	ug/l	100
7) Trichlorofluoromethane	3.494	101	48379	18.974	ug/l	94
8) Diethyl Ether	3.971	74	18050	19.408	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	27610	19.607	ug/l	97
10) Methyl Iodide	4.594	142	41466	19.780	ug/l	97
11) Tert butyl alcohol	5.530	59	28928	72.708	ug/l	97
12) 1,1-Dichloroethene	4.347	96	25787	19.212	ug/l	85
13) Acrolein	4.189	56	16825	51.700	ug/l	96
14) Allyl chloride	5.030	41	36357	18.546	ug/l	95
15) Acrylonitrile	5.730	53	73902	87.930	ug/l	98
16) Acetone	4.436	43	67582	93.552	ug/l	93
17) Carbon Disulfide	4.718	76	59220	17.545	ug/l	99
18) Methyl Acetate	5.036	43	42128	17.853	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	93506	18.743	ug/l	95
20) Methylene Chloride	5.283	84	31162	19.347	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	28450	19.359	ug/l	94
22) Diisopropyl ether	6.677	45	83121	19.214	ug/l	93
23) Vinyl Acetate	6.606	43	308063m	85.275	ug/l	
24) 1,1-Dichloroethane	6.577	63	52508	19.191	ug/l	98
25) 2-Butanone	7.488	43	97263	85.599	ug/l	97
26) 2,2-Dichloropropane	7.494	77	43704	17.363	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	34065	19.410	ug/l	98
28) Bromochloromethane	7.812	49	19426	16.843	ug/l	95
29) Tetrahydrofuran	7.847	42	61165	83.303	ug/l	100
30) Chloroform	7.971	83	56490	19.016	ug/l	100
31) Cyclohexane	8.253	56	48083	18.949	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	51382	19.047	ug/l	95
36) 1,1-Dichloropropene	8.371	75	41136	20.267	ug/l	99
37) Ethyl Acetate	7.571	43	37832	16.996	ug/l	100
38) Carbon Tetrachloride	8.365	117	44650	19.999	ug/l	94
39) Methylcyclohexane	9.600	83	52741	19.683	ug/l	98
40) Benzene	8.612	78	125902	20.259	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	18887	17.711	ug/l	96
42) 1,2-Dichloroethane	8.677	62	43699	19.328	ug/l	97
43) Isopropyl Acetate	8.688	43	60621	17.558	ug/l	98
44) Trichloroethene	9.353	130	32697	20.971	ug/l	98
45) 1,2-Dichloropropane	9.623	63	29476	19.931	ug/l	96
46) Dibromomethane	9.712	93	23152	20.093	ug/l	95
47) Bromodichloromethane	9.888	83	42376	18.992	ug/l	99
48) Methyl methacrylate	9.682	41	28511	18.002	ug/l	96
49) 1,4-Dioxane	9.694	88	16343	394.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	194017	87.081	ug/l	99
52) Toluene	10.629	92	83227	20.034	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	43060	18.283	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	47495	19.013	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33071	20.077	ug/l	96
56) Ethyl methacrylate	10.876	69	46969	18.694	ug/l	99
57) 1,3-Dichloropropane	11.165	76	55007	20.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	85420	87.939	ug/l	97
59) 2-Hexanone	11.194	43	146114	86.408	ug/l	98
60) Dibromochloromethane	11.359	129	34189	19.673	ug/l	97
61) 1,2-Dibromoethane	11.470	107	33603	19.906	ug/l	97
64) Tetrachloroethene	11.100	164	30969	25.035	ug/l	94
65) Chlorobenzene	11.888	112	89980	20.892	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32565	20.383	ug/l	100
67) Ethyl Benzene	11.965	91	160364	20.696	ug/l	98
68) m/p-Xylenes	12.070	106	127334	40.955	ug/l	99
69) o-Xylene	12.394	106	62390	20.291	ug/l	100
70) Styrene	12.412	104	100537	20.506	ug/l	99
71) Bromoform	12.576	173	22936	19.174	ug/l #	100
73) Isopropylbenzene	12.694	105	163899	20.219	ug/l	99
74) N-amyl acetate	12.494	43	52472	17.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	47420	17.833	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	41919m	19.553	ug/l	
77) Bromobenzene	12.976	156	38107	21.350	ug/l	90
78) n-propylbenzene	13.035	91	184242	20.244	ug/l	99
79) 2-Chlorotoluene	13.123	91	112878	20.297	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	139207	20.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13241	15.854	ug/l	92
82) 4-Chlorotoluene	13.123	91	112878	20.297	ug/l	99
83) tert-Butylbenzene	13.435	119	125735	20.783	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	140210	20.353	ug/l	99
85) sec-Butylbenzene	13.617	105	174363	20.602	ug/l	100
86) p-Isopropyltoluene	13.729	119	147358	21.083	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	71969	20.594	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	70859	20.488	ug/l	99
89) n-Butylbenzene	14.053	91	119520	21.235	ug/l	99
90) Hexachloroethane	14.329	117	22233	17.349	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	71268	20.513	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8658	15.834	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	33789	22.601	ug/l	99
94) Hexachlorobutadiene	15.500	225	17590	24.134	ug/l	97
95) Naphthalene	15.641	128	114204	19.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33928	22.840	ug/l	98

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

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