

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075351.D
 Acq On : 21 Nov 2022 19:06
 Operator : JC\MD
 Sample : VN1121WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Quant Time: Nov 23 00:25:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	259497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44543	53.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.060%			
35) Dibromofluoromethane	8.171	113	52838	51.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.571	98	120988	52.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.847	95	89061	52.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23763	20.047	ug/l	96
3) Chloromethane	2.371	50	27643	18.742	ug/l	100
4) Vinyl Chloride	2.524	62	36601	19.690	ug/l	100
5) Bromomethane	2.936	94	31143	19.052	ug/l	94
6) Chloroethane	3.112	64	28862	20.491	ug/l	91
7) Trichlorofluoromethane	3.500	101	50272	18.931	ug/l	90
8) Diethyl Ether	3.971	74	19214	20.644	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	29099	19.849	ug/l	97
10) Methyl Iodide	4.600	142	45906	19.325	ug/l	97
11) Tert butyl alcohol	5.542	59	34525	98.837	ug/l	99
12) 1,1-Dichloroethene	4.353	96	28431	19.805	ug/l	88
13) Acrolein	4.189	56	30162	99.117	ug/l	98
14) Allyl chloride	5.036	41	32931	17.735	ug/l	92
15) Acrylonitrile	5.730	53	80401	100.324	ug/l	98
16) Acetone	4.442	43	67750	87.289	ug/l	94
17) Carbon Disulfide	4.718	76	70829	18.985	ug/l	99
18) Methyl Acetate	5.036	43	41921	20.665	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	97713	19.215	ug/l	100
20) Methylene Chloride	5.289	84	34026	20.874	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	31496	19.252	ug/l	91
22) Diisopropyl ether	6.683	45	84812	20.015	ug/l	98
23) Vinyl Acetate	6.612	43	331886	98.449	ug/l	98
24) 1,1-Dichloroethane	6.571	63	52735	19.389	ug/l	96
25) 2-Butanone	7.488	43	104622	96.550	ug/l	96
26) 2,2-Dichloropropane	7.500	77	49113	19.429	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	36988	19.994	ug/l	93
28) Bromochloromethane	7.824	49	21803	19.748	ug/l	88
29) Tetrahydrofuran	7.841	42	66557	100.978	ug/l	98
30) Chloroform	7.971	83	59437	19.029	ug/l	95
31) Cyclohexane	8.259	56	49719	18.806	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	55009	19.397	ug/l	96
36) 1,1-Dichloropropene	8.377	75	43578	19.603	ug/l	97
37) Ethyl Acetate	7.565	43	39911	19.939	ug/l	99
38) Carbon Tetrachloride	8.365	117	48742	19.959	ug/l	97
39) Methylcyclohexane	9.600	83	53965	19.396	ug/l	97
40) Benzene	8.612	78	132782	19.509	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21580	21.087	ug/l	98
42) 1,2-Dichloroethane	8.671	62	44719	19.618	ug/l	96
43) Isopropyl Acetate	8.688	43	63952	19.904	ug/l	97
44) Trichloroethene	9.353	130	35002	18.794	ug/l	100
45) 1,2-Dichloropropane	9.624	63	31467	19.400	ug/l	99
46) Dibromomethane	9.706	93	24255	19.770	ug/l	93
47) Bromodichloromethane	9.888	83	46582	19.607	ug/l #	94
48) Methyl methacrylate	9.682	41	28973	19.502	ug/l	98
49) 1,4-Dioxane	9.700	88	17047	404.090	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	207181	101.241	ug/l	97
52) Toluene	10.629	92	89238	20.346	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	46694	19.577	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	51376	19.833	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	35186	19.697	ug/l	92
56) Ethyl methacrylate	10.876	69	48161	19.963	ug/l	98
57) 1,3-Dichloropropane	11.165	76	57599	19.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	90419	103.920	ug/l	98
59) 2-Hexanone	11.194	43	155037	100.892	ug/l	100
60) Dibromochloromethane	11.359	129	38601	21.051	ug/l	98
61) 1,2-Dibromoethane	11.471	107	36616	19.748	ug/l	98
64) Tetrachloroethene	11.106	164	33774	18.682	ug/l	88
65) Chlorobenzene	11.894	112	95066	19.445	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35684	19.556	ug/l	98
67) Ethyl Benzene	11.965	91	165588	19.853	ug/l	98
68) m/p-Xylenes	12.070	106	133691	39.470	ug/l	99
69) o-Xylene	12.400	106	65352	19.419	ug/l	100
70) Styrene	12.412	104	105642	19.899	ug/l	99
71) Bromoform	12.576	173	27165	19.561	ug/l #	96
73) Isopropylbenzene	12.694	105	172636	19.789	ug/l	100
74) N-amyl acetate	12.494	43	53072	19.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	51602	19.402	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44253m	19.601	ug/l	
77) Bromobenzene	12.982	156	41327	19.189	ug/l	86
78) n-propylbenzene	13.035	91	190525	19.570	ug/l	99
79) 2-Chlorotoluene	13.123	91	117448	20.022	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	147724	20.382	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15879	20.810	ug/l	90
82) 4-Chlorotoluene	13.123	91	117448	20.022	ug/l	99
83) tert-Butylbenzene	13.441	119	132307	20.022	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	148467	20.422	ug/l	100
85) sec-Butylbenzene	13.617	105	180072	20.083	ug/l	98
86) p-Isopropyltoluene	13.729	119	152553	20.222	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79454	19.471	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	80098	19.323	ug/l	99
89) n-Butylbenzene	14.059	91	121703	19.101	ug/l	97
90) Hexachloroethane	14.335	117	25324	19.459	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	77529	19.492	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10172	20.190	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	39324	19.292	ug/l	98
94) Hexachlorobutadiene	15.500	225	20406	19.219	ug/l	96
95) Naphthalene	15.641	128	126050	19.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	37713	18.825	ug/l	99

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

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