

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084679.D
 Acq On : 05 Nov 2024 11:46
 Operator : JC\MD
 Sample : VN1105WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1105WBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 06 00:26:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126554	48.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.860%		
35) Dibromofluoromethane	8.165	113	101692	48.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	10.565	98	373465	48.813	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.847	95	135989	47.558	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	39273	19.079	ug/l	92
3) Chloromethane	2.359	50	45263	17.080	ug/l	98
4) Vinyl Chloride	2.512	62	42354	19.130	ug/l	99
5) Bromomethane	2.901	94	22440	19.130	ug/l	93
6) Chloroethane	3.065	64	26329	18.328	ug/l	94
7) Trichlorofluoromethane	3.465	101	71552	19.619	ug/l	92
8) Diethyl Ether	3.953	74	26523	20.616	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	40968	19.880	ug/l	98
10) Methyl Iodide	4.571	142	56513	20.518	ug/l	97
11) Tert butyl alcohol	5.542	59	41072	120.311	ug/l	99
12) 1,1-Dichloroethene	4.324	96	38181	18.724	ug/l	94
13) Acrolein	4.171	56	34682	101.881	ug/l	99
14) Allyl chloride	5.006	41	64678	19.558	ug/l	95
15) Acrylonitrile	5.712	53	110935	112.250	ug/l	100
16) Acetone	4.430	43	91936	121.596	ug/l	97
17) Carbon Disulfide	4.695	76	106715	16.994	ug/l #	94
18) Methyl Acetate	5.018	43	60606	19.797	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	133666	21.386	ug/l	93
20) Methylene Chloride	5.259	84	45091	19.823	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	40468	19.327	ug/l	94
22) Diisopropyl ether	6.665	45	137295	20.894	ug/l	98
23) Vinyl Acetate	6.600	43	488987	107.909	ug/l	98
24) 1,1-Dichloroethane	6.559	63	79114	20.054	ug/l	98
25) 2-Butanone	7.483	43	145445	120.543	ug/l	97
26) 2,2-Dichloropropane	7.489	77	66180	19.274	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48668	19.906	ug/l	97
28) Bromochloromethane	7.812	49	34535	21.972	ug/l	93
29) Tetrahydrofuran	7.841	42	94886	118.539	ug/l	96
30) Chloroform	7.965	83	84203	20.970	ug/l	95
31) Cyclohexane	8.253	56	66219	18.546	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	74096	20.274	ug/l	98
36) 1,1-Dichloropropene	8.365	75	54388	18.881	ug/l	100
37) Ethyl Acetate	7.559	43	58058	22.215	ug/l	99
38) Carbon Tetrachloride	8.359	117	62796	19.504	ug/l	98
39) Methylcyclohexane	9.600	83	56548	19.297	ug/l	98
40) Benzene	8.606	78	181581	19.629	ug/l	96

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41) Methacrylonitrile	7.777	41	32994	23.476	ug/l	98
42) 1,2-Dichloroethane	8.665	62	61108	20.397	ug/l	100
43) Isopropyl Acetate	8.688	43	107465	21.712	ug/l	99
44) Trichloroethene	9.347	130	41285	19.351	ug/l	99
45) 1,2-Dichloropropane	9.618	63	44853	20.669	ug/l	97
46) Dibromomethane	9.706	93	31026	20.262	ug/l	97
47) Bromodichloromethane	9.888	83	65732	20.364	ug/l	98
48) Methyl methacrylate	9.677	41	44956	22.102	ug/l	97
49) 1,4-Dioxane	9.694	88	17463	484.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	294729	118.297	ug/l	98
52) Toluene	10.629	92	109470	20.234	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63864	19.115	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	69660	19.699	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	42731	20.967	ug/l	96
56) Ethyl methacrylate	10.871	69	66105	22.425	ug/l	96
57) 1,3-Dichloropropane	11.159	76	73289	20.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	155444	112.689	ug/l	96
59) 2-Hexanone	11.194	43	220393	121.530	ug/l	98
60) Dibromochloromethane	11.359	129	49770	21.428	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42804	20.510	ug/l	98
64) Tetrachloroethene	11.100	164	34989	19.638	ug/l	98
65) Chlorobenzene	11.888	112	115702	19.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42594	20.435	ug/l	98
67) Ethyl Benzene	11.965	91	199934	19.988	ug/l	99
68) m/p-Xylenes	12.071	106	155930	41.176	ug/l	97
69) o-Xylene	12.394	106	73817	20.837	ug/l	98
70) Styrene	12.412	104	124600	20.162	ug/l	98
71) Bromoform	12.576	173	34048	21.708	ug/l #	99
73) Isopropylbenzene	12.694	105	184380	20.031	ug/l	99
74) N-amyl acetate	12.494	43	83235	21.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63021	20.512	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	52413m	19.962	ug/l	
77) Bromobenzene	12.976	156	47248	19.094	ug/l	95
78) n-propylbenzene	13.035	91	217947	20.206	ug/l	100
79) 2-Chlorotoluene	13.123	91	141415	20.065	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	159489	20.906	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21453m	19.384	ug/l	
82) 4-Chlorotoluene	13.218	91	141078	19.020	ug/l	98
83) tert-Butylbenzene	13.435	119	128952	20.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	161983	20.572	ug/l	99
85) sec-Butylbenzene	13.618	105	179363	20.111	ug/l	99
86) p-Isopropyltoluene	13.729	119	149021	20.373	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	85429	17.690	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86966	18.931	ug/l	99
89) n-Butylbenzene	14.053	91	122122	17.848	ug/l	98
90) Hexachloroethane	14.329	117	30988	18.997	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	89317	19.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13619	21.881	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	44793	17.635	ug/l	99
94) Hexachlorobutadiene	15.500	225	20100	18.020	ug/l	97
95) Naphthalene	15.635	128	154604	20.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	45055	18.273	ug/l	97

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

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