

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080895.D
 Acq On : 05 Feb 2024 14:28
 Operator : JC\MD
 Sample : VN0205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:41:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	106515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	186860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	93510	50.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	8.165	113	66829	50.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.560%			
50) Toluene-d8	10.565	98	262237	50.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.853	95	89710	49.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27246	17.222	ug/l	89
3) Chloromethane	2.359	50	40331	16.959	ug/l	97
4) Vinyl Chloride	2.512	62	31696	17.531	ug/l	93
5) Bromomethane	2.959	94	13384	18.507	ug/l	99
6) Chloroethane	3.118	64	20977	21.762	ug/l	91
7) Trichlorofluoromethane	3.494	101	55377	23.666	ug/l	90
8) Diethyl Ether	3.953	74	20195	18.709	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	26896	19.711	ug/l	96
10) Methyl Iodide	4.594	142	20765	18.027	ug/l #	90
11) Tert butyl alcohol	5.512	59	27326	90.972	ug/l	99
12) 1,1-Dichloroethene	4.341	96	26634	17.814	ug/l	88
13) Acrolein	4.177	56	35891	94.751	ug/l	97
14) Allyl chloride	5.018	41	60039	20.316	ug/l	96
15) Acrylonitrile	5.718	53	86615	95.878	ug/l	98
16) Acetone	4.430	43	68418	102.378	ug/l	95
17) Carbon Disulfide	4.712	76	74735	16.056	ug/l #	95
18) Methyl Acetate	5.018	43	48284	20.731	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	98566	18.710	ug/l	96
20) Methylene Chloride	5.271	84	32839	18.719	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	29664	18.262	ug/l	99
22) Diisopropyl ether	6.671	45	128930	19.773	ug/l	95
23) Vinyl Acetate	6.600	43	469598	99.534	ug/l	98
24) 1,1-Dichloroethane	6.571	63	67082	20.285	ug/l #	96
25) 2-Butanone	7.477	43	123029	96.922	ug/l	97
26) 2,2-Dichloropropane	7.488	77	49777	18.624	ug/l	94
27) cis-1,2-Dichloroethene	7.482	96	33414	17.771	ug/l	97
28) Bromochloromethane	7.806	49	33846	19.332	ug/l #	26
29) Tetrahydrofuran	7.841	42	82992	96.623	ug/l	98
30) Chloroform	7.971	83	57810	18.817	ug/l	94
31) Cyclohexane	8.259	56	56956	18.025	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	46041	18.481	ug/l	99
36) 1,1-Dichloropropene	8.371	75	45034	18.230	ug/l	98
37) Ethyl Acetate	7.559	43	48290	18.990	ug/l #	80
38) Carbon Tetrachloride	8.365	117	37192	18.686	ug/l	96
39) Methylcyclohexane	9.600	83	42401	17.269	ug/l #	94
40) Benzene	8.606	78	135596	18.676	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29306	19.553	ug/l	95
42) 1,2-Dichloroethane	8.671	62	48203	20.379	ug/l	97
43) Isopropyl Acetate	8.688	43	86548	18.693	ug/l	99
44) Trichloroethene	9.353	130	28891	18.066	ug/l	85
45) 1,2-Dichloropropane	9.629	63	37375	19.022	ug/l	91
46) Dibromomethane	9.712	93	22168	19.032	ug/l	97
47) Bromodichloromethane	9.888	83	43803	18.523	ug/l #	90
48) Methyl methacrylate	9.682	41	38964	17.359	ug/l	96
49) 1,4-Dioxane	9.700	88	10505	388.549	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	258614	99.921	ug/l	97
52) Toluene	10.635	92	78230	18.792	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	47971	17.413	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	54993	18.357	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	30658	19.163	ug/l	95
56) Ethyl methacrylate	10.876	69	51544	20.958	ug/l	97
57) 1,3-Dichloropropane	11.165	76	57559	19.117	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	142031	99.065	ug/l	98
59) 2-Hexanone	11.200	43	190263	94.638	ug/l	98
60) Dibromochloromethane	11.359	129	27647	18.579	ug/l	95
61) 1,2-Dibromoethane	11.470	107	28977	19.327	ug/l	94
64) Tetrachloroethene	11.106	164	23079	18.791	ug/l	97
65) Chlorobenzene	11.894	112	75752	18.575	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	24381	18.384	ug/l	96
67) Ethyl Benzene	11.965	91	138718	18.301	ug/l	95
68) m/p-Xylenes	12.070	106	99711	37.042	ug/l	94
69) o-Xylene	12.400	106	49376	18.460	ug/l	97
70) Styrene	12.412	104	82684	19.248	ug/l	99
71) Bromoform	12.576	173	16013	17.858	ug/l #	92
73) Isopropylbenzene	12.694	105	121465	18.529	ug/l	99
74) N-amyl acetate	12.494	43	73639	18.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	40884	17.730	ug/l	93
76) 1,2,3-Trichloropropane	12.994	75	43819m	20.296	ug/l	
77) Bromobenzene	12.982	156	25078	17.896	ug/l	93
78) n-propylbenzene	13.041	91	147370	18.818	ug/l	100
79) 2-Chlorotoluene	13.123	91	94407	18.967	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	102723	19.676	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	14272	17.030	ug/l	87
82) 4-Chlorotoluene	13.223	91	90601	18.383	ug/l	96
83) tert-Butylbenzene	13.441	119	77251	18.529	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	96306	18.207	ug/l	99
85) sec-Butylbenzene	13.617	105	115922	18.860	ug/l	99
86) p-Isopropyltoluene	13.729	119	87220	18.260	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	46050	18.373	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	46012	18.310	ug/l	96
89) n-Butylbenzene	14.059	91	84941	18.172	ug/l	97
90) Hexachloroethane	14.335	117	16178	19.357	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	45744	19.940	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8901	20.651	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	22082	18.702	ug/l	100
94) Hexachlorobutadiene	15.505	225	9042	17.529	ug/l	95
95) Naphthalene	15.641	128	81098	17.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21806	18.789	ug/l	96

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

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