

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083450.D
 Acq On : 23 Aug 2024 10:50
 Operator : JC\MD
 Sample : VN0823WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:54:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	139873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	245417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	218717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120541	60.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.080%			
35) Dibromofluoromethane	8.165	113	87680	57.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.480%			
50) Toluene-d8	10.564	98	308973	54.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.140%			
62) 4-Bromofluorobenzene	12.847	95	124850	56.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	22052	13.903	ug/l	96
3) Chloromethane	2.359	50	26990	16.620	ug/l	95
4) Vinyl Chloride	2.518	62	26866	16.213	ug/l	99
5) Bromomethane	2.906	94	15105	14.691	ug/l	89
6) Chloroethane	3.077	64	21829	21.056	ug/l	90
7) Trichlorofluoromethane	3.471	101	47140	17.221	ug/l	97
8) Diethyl Ether	3.959	74	17273	16.957	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	25777	17.080	ug/l	99
10) Methyl Iodide	4.577	142	32736	16.489	ug/l	99
11) Tert butyl alcohol	5.530	59	28320	68.447	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	24859	16.033	ug/l	88
13) Acrolein	4.183	56	26275	97.437	ug/l	96
14) Allyl chloride	5.012	41	44592	15.219	ug/l	92
15) Acrylonitrile	5.724	53	66472	78.116	ug/l	99
16) Acetone	4.435	43	60318	77.425	ug/l	99
17) Carbon Disulfide	4.700	76	65476	14.432	ug/l	99
18) Methyl Acetate	5.024	43	36699	15.811	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	92954	16.609	ug/l	98
20) Methylene Chloride	5.271	84	28902	16.120	ug/l	86
21) trans-1,2-Dichloroethene	5.782	96	25812	16.107	ug/l	91
22) Diisopropyl ether	6.671	45	95722	17.380	ug/l #	96
23) Vinyl Acetate	6.600	43	471940m	83.598	ug/l	
24) 1,1-Dichloroethane	6.559	63	52620	17.528	ug/l	99
25) 2-Butanone	7.482	43	87264	72.951	ug/l	97
26) 2,2-Dichloropropane	7.488	77	45388	16.280	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	31425	16.250	ug/l	97
28) Bromochloromethane	7.812	49	43890	35.774	ug/l	87
29) Tetrahydrofuran	7.835	42	59282	76.664	ug/l	94
30) Chloroform	7.965	83	56507	18.117	ug/l	99
31) Cyclohexane	8.253	56	45831	15.534	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	51182	17.337	ug/l	95
36) 1,1-Dichloropropene	8.371	75	36834	15.896	ug/l	98
37) Ethyl Acetate	7.559	43	40937	15.778	ug/l #	96
38) Carbon Tetrachloride	8.359	117	43280	16.583	ug/l	100
39) Methylcyclohexane	9.600	83	41713	14.656	ug/l	94
40) Benzene	8.606	78	117474	17.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	21167	14.348	ug/l	95
42) 1,2-Dichloroethane	8.670	62	44815	17.821	ug/l	99
43) Isopropyl Acetate	8.688	43	65964	13.139	ug/l #	93
44) Trichloroethene	9.353	130	27159	16.529	ug/l	95
45) 1,2-Dichloropropane	9.617	63	28384	17.322	ug/l	99
46) Dibromomethane	9.706	93	20201	17.223	ug/l	98
47) Bromodichloromethane	9.888	83	43795	16.630	ug/l	98
48) Methyl methacrylate	9.682	41	31837	14.842	ug/l	93
49) 1,4-Dioxane	9.700	88	11290	291.742	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	188751	76.931	ug/l	95
52) Toluene	10.629	92	72001	16.508	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	41264	15.254	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	44359	15.417	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	26796	17.143	ug/l #	89
56) Ethyl methacrylate	10.876	69	43771	14.854	ug/l	91
57) 1,3-Dichloropropane	11.164	76	47514	17.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	108070	86.763	ug/l	96
59) 2-Hexanone	11.194	43	136968	72.160	ug/l	94
60) Dibromochloromethane	11.359	129	29989	15.869	ug/l	98
61) 1,2-Dibromoethane	11.470	107	26196	15.953	ug/l	95
64) Tetrachloroethene	11.106	164	22479	15.519	ug/l	93
65) Chlorobenzene	11.888	112	75529	15.627	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	26711	15.670	ug/l	97
67) Ethyl Benzene	11.964	91	134807	15.204	ug/l	97
68) m/p-Xylenes	12.070	106	99637	29.999	ug/l	96
69) o-Xylene	12.400	106	49989	15.260	ug/l	99
70) Styrene	12.411	104	79753	14.496	ug/l	97
71) Bromoform	12.576	173	18000	13.939	ug/l #	99
73) Isopropylbenzene	12.694	105	126231	13.708	ug/l	97
74) N-amyl acetate	12.494	43	54752	12.156	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	39665	15.230	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	35066m	14.512	ug/l	
77) Bromobenzene	12.976	156	29791	14.564	ug/l	99
78) n-propylbenzene	13.035	91	142307	13.421	ug/l	99
79) 2-Chlorotoluene	13.123	91	94616	14.075	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	107774	13.980	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	12042	10.841	ug/l	97
82) 4-Chlorotoluene	13.223	91	92170	13.669	ug/l	97
83) tert-Butylbenzene	13.441	119	90471	13.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	106763	13.742	ug/l	99
85) sec-Butylbenzene	13.617	105	119991	12.880	ug/l	100
86) p-Isopropyltoluene	13.729	119	100331	13.044	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	54036	14.039	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	55392	14.275	ug/l	96
89) n-Butylbenzene	14.058	91	85839	12.879	ug/l	100
90) Hexachloroethane	14.335	117	19424	13.071	ug/l	91
91) 1,2-Dichlorobenzene	14.105	146	53787	14.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8169	12.926	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	25541	12.240	ug/l	98
94) Hexachlorobutadiene	15.505	225	11328	12.207	ug/l	100
95) Naphthalene	15.641	128	85248	11.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	25742	12.467	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

