

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081745.D
 Acq On : 15 Apr 2024 18:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 23:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	549518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	503839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213016	47.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	8.171	113	180611	49.773	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.540%		
50) Toluene-d8	10.571	98	681414	50.973	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.940%		
62) 4-Bromofluorobenzene	12.853	95	244414	53.503	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	107.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	203196	50.853	ug/l	96
3) Chloromethane	2.359	50	179738	53.364	ug/l	98
4) Vinyl Chloride	2.512	62	231477	47.334	ug/l	99
5) Bromomethane	2.948	94	110972	37.557	ug/l	99
6) Chloroethane	3.112	64	151572	52.027	ug/l	100
7) Trichlorofluoromethane	3.495	101	314576	49.813	ug/l	97
8) Diethyl Ether	3.959	74	106396	47.995	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	175096	44.268	ug/l	97
10) Methyl Iodide	4.583	142	145560	68.564	ug/l	97
11) Tert butyl alcohol	5.524	59	160260	264.616	ug/l	98
12) 1,1-Dichloroethene	4.342	96	166286	44.359	ug/l	94
13) Acrolein	4.177	56	164144	254.951	ug/l	100
14) Allyl chloride	5.018	41	214701	45.129	ug/l	99
15) Acrylonitrile	5.718	53	409052	244.740	ug/l	99
16) Acetone	4.430	43	286106	231.533	ug/l	97
17) Carbon Disulfide	4.712	76	463441	42.534	ug/l	100
18) Methyl Acetate	5.018	43	163092	47.188	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	550286	50.435	ug/l	100
20) Methylene Chloride	5.277	84	183927	50.336	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	178418	47.387	ug/l	95
22) Diisopropyl ether	6.671	45	513501	49.600	ug/l	97
23) Vinyl Acetate	6.606	43	2088153	258.393	ug/l	99
24) 1,1-Dichloroethane	6.571	63	316865	46.518	ug/l	99
25) 2-Butanone	7.483	43	507642	249.199	ug/l	97
26) 2,2-Dichloropropane	7.494	77	289793	48.804	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	215819	46.857	ug/l	99
28) Bromochloromethane	7.812	49	123436	42.444	ug/l	95
29) Tetrahydrofuran	7.841	42	355239	269.541	ug/l	99
30) Chloroform	7.965	83	349461	45.243	ug/l	95
31) Cyclohexane	8.259	56	284666	46.739	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	321247	46.902	ug/l	97
36) 1,1-Dichloropropene	8.371	75	243011	48.067	ug/l	99
37) Ethyl Acetate	7.565	43	218278	52.541	ug/l	97
38) Carbon Tetrachloride	8.365	117	293109	49.831	ug/l	99
39) Methylcyclohexane	9.606	83	300356	50.428	ug/l	96
40) Benzene	8.606	78	754110	47.884	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	117559	52.128	ug/l	98
42) 1,2-Dichloroethane	8.671	62	248094	45.191	ug/l	99
43) Isopropyl Acetate	8.688	43	376659	48.597	ug/l	98
44) Trichloroethene	9.353	130	199493	48.710	ug/l	97
45) 1,2-Dichloropropane	9.624	63	175891	48.442	ug/l	97
46) Dibromomethane	9.712	93	138999	45.866	ug/l	99
47) Bromodichloromethane	9.888	83	280792	48.504	ug/l	99
48) Methyl methacrylate	9.682	41	170011	53.818	ug/l	98
49) 1,4-Dioxane	9.694	88	84457	1065.992	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1139329	264.290	ug/l	100
52) Toluene	10.635	92	494597	49.442	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	286382	49.660	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	300227	48.871	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	186563	49.646	ug/l	95
56) Ethyl methacrylate	10.876	69	298918	57.812	ug/l	98
57) 1,3-Dichloropropane	11.165	76	308583	49.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	654522	239.240	ug/l	100
59) 2-Hexanone	11.200	43	867392	277.947	ug/l	98
60) Dibromochloromethane	11.359	129	232769	51.248	ug/l	99
61) 1,2-Dibromoethane	11.471	107	194919	49.726	ug/l	99
64) Tetrachloroethene	11.106	164	205687	48.117	ug/l	98
65) Chlorobenzene	11.894	112	556317	47.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	195972	49.551	ug/l	98
67) Ethyl Benzene	11.965	91	955195	52.342	ug/l	99
68) m/p-Xylenes	12.076	106	762823	107.495	ug/l	99
69) o-Xylene	12.400	106	371861	54.680	ug/l	99
70) Styrene	12.412	104	627754	56.344	ug/l	99
71) Bromoform	12.582	173	154456	50.612	ug/l #	97
73) Isopropylbenzene	12.700	105	963151	52.695	ug/l	99
74) N-amyl acetate	12.494	43	348831	52.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	242127	45.089	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	199600m	44.575	ug/l	
77) Bromobenzene	12.982	156	228927	49.127	ug/l	98
78) n-propylbenzene	13.035	91	1103174	52.013	ug/l	100
79) 2-Chlorotoluene	13.129	91	651883	49.308	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	798100	53.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	108673	54.554	ug/l	92
82) 4-Chlorotoluene	13.223	91	645332	49.411	ug/l	99
83) tert-Butylbenzene	13.441	119	699945	53.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	804188	53.396	ug/l	99
85) sec-Butylbenzene	13.617	105	964764	52.867	ug/l	100
86) p-Isopropyltoluene	13.729	119	830500	55.524	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	414835	47.630	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	415039	46.732	ug/l	98
89) n-Butylbenzene	14.059	91	693992	53.067	ug/l	99
90) Hexachloroethane	14.335	117	146046	45.869	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	399850	47.433	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54516	54.889	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	234493	52.807	ug/l	98
94) Hexachlorobutadiene	15.506	225	86421	45.147	ug/l	97
95) Naphthalene	15.641	128	844371	59.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	233349	51.396	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

