

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080928.D
 Acq On : 07 Feb 2024 09:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Feb 08 00:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	478523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	861660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	761633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	330574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	298603	49.466	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.940%
35) Dibromofluoromethane	8.165	113	252039	54.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.020%
50) Toluene-d8	10.565	98	894297	53.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.940%
62) 4-Bromofluorobenzene	12.847	95	319245	52.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	232526	42.891	ug/l	92
3) Chloromethane	2.359	50	255550	45.372	ug/l	96
4) Vinyl Chloride	2.512	62	305875	43.201	ug/l	94
5) Bromomethane	2.953	94	190296	41.779	ug/l	99
6) Chloroethane	3.118	64	204211	40.898	ug/l	100
7) Trichlorofluoromethane	3.495	101	413575	44.611	ug/l	94
8) Diethyl Ether	3.953	74	140567	42.440	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	231697	44.429	ug/l	92
10) Methyl Iodide	4.589	142	233042	46.208	ug/l	96
11) Tert butyl alcohol	5.512	59	170585	205.096	ug/l	99
12) 1,1-Dichloroethene	4.342	96	221094	43.096	ug/l	91
13) Acrolein	4.177	56	229721	219.139	ug/l	99
14) Allyl chloride	5.018	41	310461	45.673	ug/l #	86
15) Acrylonitrile	5.712	53	502013	220.811	ug/l	99
16) Acetone	4.418	43	406593	204.726	ug/l	98
17) Carbon Disulfide	4.712	76	562040	43.434	ug/l	96
18) Methyl Acetate	5.018	43	254745	42.976	ug/l #	88
19) Methyl tert-butyl Ether	5.789	73	780858	45.694	ug/l	93
20) Methylene Chloride	5.271	84	255436	42.452	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	248018	43.066	ug/l	86
22) Diisopropyl ether	6.665	45	745370	47.307	ug/l #	94
23) Vinyl Acetate	6.600	43	2672186	257.378	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	459245	44.756	ug/l	98
25) 2-Butanone	7.477	43	655140	205.519	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	438774	46.762	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	303047	45.286	ug/l	87
28) Bromochloromethane	7.812	49	216264	50.651	ug/l #	57
29) Tetrahydrofuran	7.836	42	404288	207.438	ug/l #	80
30) Chloroform	7.965	83	509084	44.893	ug/l	98
31) Cyclohexane	8.253	56	339113	41.103	ug/l #	77
32) 1,1,1-Trichloroethane	8.165	97	455950	46.402	ug/l	92
36) 1,1-Dichloropropene	8.371	75	362897	52.759	ug/l	96
37) Ethyl Acetate	7.559	43	265537	51.019	ug/l #	97
38) Carbon Tetrachloride	8.359	117	375731	53.286	ug/l	93
39) Methylcyclohexane	9.600	83	342866	44.724	ug/l	87
40) Benzene	8.606	78	1083190	51.734	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M

Quant Title : SW846 8260

QLast Update : Wed Feb 07 06:22:23 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	149101	48.070	ug/l	93
42) 1,2-Dichloroethane	8.671	62	369122	50.633	ug/l	98
43) Isopropyl Acetate	8.688	43	479185	50.068	ug/l #	91
44) Trichloroethene	9.353	130	282831	44.472	ug/l	96
45) 1,2-Dichloropropane	9.618	63	262784	46.517	ug/l	99
46) Dibromomethane	9.706	93	193913	46.420	ug/l #	90
47) Bromodichloromethane	9.888	83	400884	49.062	ug/l #	99
48) Methyl methacrylate	9.677	41	216613	40.171	ug/l #	83
49) 1,4-Dioxane	9.694	88	72978	732.977	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1366055	236.844	ug/l	91
52) Toluene	10.629	92	692494	49.378	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	427711	54.097	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	454888	51.256	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	268247	49.487	ug/l	94
56) Ethyl methacrylate	10.877	69	373953	57.670	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	453487	51.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	940493	238.906	ug/l #	84
59) 2-Hexanone	11.194	43	1054725	241.271	ug/l	91
60) Dibromochloromethane	11.359	129	294351	53.145	ug/l	98
61) 1,2-Dibromoethane	11.471	107	272743	50.442	ug/l	97
64) Tetrachloroethene	11.106	164	242293	42.146	ug/l	95
65) Chlorobenzene	11.894	112	725634	45.460	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	272194	47.256	ug/l	97
67) Ethyl Benzene	11.965	91	1285403	46.748	ug/l	97
68) m/p-Xylenes	12.071	106	987362	94.517	ug/l	95
69) o-Xylene	12.400	106	490369	48.376	ug/l	92
70) Styrene	12.412	104	815761	53.622	ug/l	96
71) Bromoform	12.576	173	188805	48.940	ug/l #	98
73) Isopropylbenzene	12.694	105	1188352	46.223	ug/l	97
74) N-amyl acetate	12.494	43	415906	44.879	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	341382	42.685	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	300999m	44.657	ug/l	
77) Bromobenzene	12.982	156	291641	44.958	ug/l	70
78) n-propylbenzene	13.035	91	1378372	47.487	ug/l	95
79) 2-Chlorotoluene	13.123	91	849991	46.338	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	989413	47.348	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	113011	45.553	ug/l	95
82) 4-Chlorotoluene	13.223	91	846394	46.247	ug/l	94
83) tert-Butylbenzene	13.441	119	820234	46.048	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	986179	47.383	ug/l	94
85) sec-Butylbenzene	13.618	105	1149365	48.019	ug/l	95
86) p-Isopropyltoluene	13.729	119	949438	46.937	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	523494	45.314	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	533828	45.534	ug/l	96
89) n-Butylbenzene	14.059	91	831328	46.525	ug/l	98
90) Hexachloroethane	14.335	117	159331	49.953	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	512176	46.275	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62604	41.849	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	257774	47.082	ug/l	99
94) Hexachlorobutadiene	15.500	225	107593	45.328	ug/l	95
95) Naphthalene	15.641	128	845064	46.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	244639	45.394	ug/l	97

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

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