

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080710.D
 Acq On : 15 Jan 2024 12:04
 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 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:39:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121761	45.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.860%		
35) Dibromofluoromethane	8.165	113	90424	51.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	10.565	98	349901	52.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.860%		
62) 4-Bromofluorobenzene	12.847	95	123563	48.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	112248	45.766	ug/l	98
3) Chloromethane	2.359	50	171266	61.677	ug/l	95
4) Vinyl Chloride	2.512	62	124816	56.090	ug/l	96
5) Bromomethane	2.953	94	48791	57.686	ug/l	98
6) Chloroethane	3.124	64	68293	57.281	ug/l	95
7) Trichlorofluoromethane	3.495	101	165652	45.077	ug/l	99
8) Diethyl Ether	3.953	74	86154	53.645	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	98520	49.188	ug/l	92
10) Methyl Iodide	4.589	142	94364	56.342	ug/l	92
11) Tert butyl alcohol	5.500	59	116802	260.510	ug/l	100
12) 1,1-Dichloroethene	4.342	96	107718	47.791	ug/l	85
13) Acrolein	4.171	56	94394	251.968	ug/l	96
14) Allyl chloride	5.024	41	220684	49.391	ug/l #	92
15) Acrylonitrile	5.712	53	305263	260.726	ug/l	99
16) Acetone	4.424	43	178022	204.531	ug/l	96
17) Carbon Disulfide	4.712	76	337590	48.969	ug/l	97
18) Methyl Acetate	5.018	43	140609	54.250	ug/l #	79
19) Methyl tert-butyl Ether	5.789	73	412757	53.144	ug/l	95
20) Methylene Chloride	5.277	84	135951	53.505	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	122074	53.395	ug/l #	82
22) Diisopropyl ether	6.665	45	505900	60.044	ug/l #	87
23) Vinyl Acetate	6.600	43	1933382	281.935	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	249989	54.203	ug/l	98
25) 2-Butanone	7.477	43	375948	238.954	ug/l #	82
26) 2,2-Dichloropropane	7.483	77	206990	51.316	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	145877	57.881	ug/l	81
28) Bromochloromethane	7.812	49	107426	49.823	ug/l #	59
29) Tetrahydrofuran	7.830	42	273109	257.543	ug/l #	70
30) Chloroform	7.965	83	239240	55.332	ug/l	95
31) Cyclohexane	8.253	56	201782	49.265	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	186309	48.407	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	176617	49.265	ug/l	94
37) Ethyl Acetate	7.553	43	169552	48.772	ug/l #	90
38) Carbon Tetrachloride	8.359	117	146675	45.566	ug/l	97
39) Methylcyclohexane	9.600	83	168681	49.167	ug/l #	83
40) Benzene	8.606	78	566451	56.205	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Jan 11 06:34:36 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	100885	50.030	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	191603	49.659	ug/l	98
43) Isopropyl Acetate	8.682	43	320558	50.164	ug/l #	89
44) Trichloroethene	9.347	130	113606	49.793	ug/l	93
45) 1,2-Dichloropropane	9.624	63	153195	57.334	ug/l	95
46) Dibromomethane	9.712	93	87500	51.760	ug/l	95
47) Bromodichloromethane	9.888	83	192425	51.284	ug/l	99
48) Methyl methacrylate	9.676	41	151793	50.172	ug/l #	77
49) 1,4-Dioxane	9.694	88	35220	934.292	ug/l #	72
51) 4-Methyl-2-Pentanone	10.441	43	857130	248.630	ug/l	88
52) Toluene	10.629	92	325796	56.421	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	230565	55.362	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	247707	56.087	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	124109	55.840	ug/l	96
56) Ethyl methacrylate	10.871	69	203733	51.178	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	235531	58.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	481591	252.573	ug/l #	85
59) 2-Hexanone	11.194	43	615798	241.970	ug/l	86
60) Dibromochloromethane	11.359	129	124617	54.555	ug/l	99
61) 1,2-Dibromoethane	11.470	107	120823	55.301	ug/l	99
64) Tetrachloroethene	11.100	164	87762	47.798	ug/l	96
65) Chlorobenzene	11.894	112	314401	53.823	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	110238	53.153	ug/l	99
67) Ethyl Benzene	11.965	91	586749	52.604	ug/l	95
68) m/p-Xylenes	12.070	106	419011	106.851	ug/l	88
69) o-Xylene	12.394	106	216576	56.484	ug/l	93
70) Styrene	12.412	104	362393	55.659	ug/l	96
71) Bromoform	12.576	173	73133	51.256	ug/l #	100
73) Isopropylbenzene	12.694	105	507230	51.054	ug/l	98
74) N-amyl acetate	12.494	43	291877	48.954	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.935	83	162225	49.777	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	145626m	45.202	ug/l	
77) Bromobenzene	12.982	156	110093	52.172	ug/l	76
78) n-propylbenzene	13.035	91	618595	50.756	ug/l	95
79) 2-Chlorotoluene	13.123	91	385863	49.403	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	415785	50.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	67431	49.342	ug/l #	83
82) 4-Chlorotoluene	13.223	91	393823	51.433	ug/l	92
83) tert-Butylbenzene	13.441	119	328921	49.692	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	417495	51.279	ug/l	98
85) sec-Butylbenzene	13.617	105	482342	51.286	ug/l	96
86) p-Isopropyltoluene	13.729	119	382519	51.498	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	193371	51.305	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	196984	51.301	ug/l	97
89) n-Butylbenzene	14.059	91	373263	52.135	ug/l	98
90) Hexachloroethane	14.335	117	67839	49.248	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	188745	53.143	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29751	39.809	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	96102	51.955	ug/l	96
94) Hexachlorobutadiene	15.500	225	38984	43.916	ug/l	99
95) Naphthalene	15.641	128	338117	46.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	89431	49.949	ug/l	97

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

