

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082451.D
 Acq On : 04 Jun 2024 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 03:16:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135786	50.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	95783	54.164	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.571	98	340538	50.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	12.853	95	129322	53.442	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110655	44.679	ug/l	99
3) Chloromethane	2.359	50	119195	42.467	ug/l	98
4) Vinyl Chloride	2.512	62	120000	45.477	ug/l	99
5) Bromomethane	2.942	94	69012	45.502	ug/l	100
6) Chloroethane	3.112	64	85046	49.361	ug/l	100
7) Trichlorofluoromethane	3.495	101	175332	50.744	ug/l	99
8) Diethyl Ether	3.959	74	67295	54.671	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	103166	51.112	ug/l	98
10) Methyl Iodide	4.583	142	104296	51.400	ug/l	96
11) Tert butyl alcohol	5.524	59	113437	260.530	ug/l	98
12) 1,1-Dichloroethene	4.336	96	90551	48.267	ug/l #	77
13) Acrolein	4.177	56	85507	265.012	ug/l	98
14) Allyl chloride	5.018	41	190640	47.463	ug/l #	91
15) Acrylonitrile	5.718	53	323135	286.555	ug/l	99
16) Acetone	4.424	43	299043	268.756	ug/l	92
17) Carbon Disulfide	4.712	76	226415	37.367	ug/l	98
18) Methyl Acetate	5.024	43	176178	63.578	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	392829	57.286	ug/l	98
20) Methylene Chloride	5.277	84	112813	50.251	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	100217	49.020	ug/l #	81
22) Diisopropyl ether	6.677	45	463622	55.277	ug/l #	93
23) Vinyl Acetate	6.606	43	1823356	275.735	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	227545	52.636	ug/l	98
25) 2-Butanone	7.483	43	477427	283.000	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	195346	53.949	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	128215	53.141	ug/l	80
28) Bromochloromethane	7.812	49	95192	50.697	ug/l #	78
29) Tetrahydrofuran	7.841	42	311054	287.172	ug/l #	82
30) Chloroform	7.965	83	230766	55.899	ug/l	100
31) Cyclohexane	8.259	56	182604	42.150	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	198749	54.267	ug/l	93
36) 1,1-Dichloropropene	8.371	75	151771	51.173	ug/l	96
37) Ethyl Acetate	7.559	43	189777	57.176	ug/l #	93
38) Carbon Tetrachloride	8.365	117	168835	56.157	ug/l	100
39) Methylcyclohexane	9.600	83	157671	48.500	ug/l #	85
40) Benzene	8.606	78	475416	53.755	ug/l	99

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41) Methacrylonitrile	7.783	41	111555	57.148	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	190881	56.117	ug/l	96
43) Isopropyl Acetate	8.688	43	381815	64.920	ug/l #	85
44) Trichloroethene	9.353	130	107085	53.303	ug/l	94
45) 1,2-Dichloropropane	9.624	63	127913	56.055	ug/l	97
46) Dibromomethane	9.712	93	85916	57.349	ug/l	98
47) Bromodichloromethane	9.888	83	189165	59.811	ug/l	99
48) Methyl methacrylate	9.683	41	164507	58.702	ug/l #	82
49) 1,4-Dioxane	9.700	88	48905	1245.356	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1026009	307.044	ug/l	90
52) Toluene	10.635	92	294985	55.579	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	196753	60.151	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	203891	58.888	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	117536	60.939	ug/l	99
56) Ethyl methacrylate	10.877	69	203587	62.171	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	208844	57.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475713	281.643	ug/l	90
59) 2-Hexanone	11.200	43	762764	311.750	ug/l	90
60) Dibromochloromethane	11.359	129	139204	65.400	ug/l	98
61) 1,2-Dibromoethane	11.471	107	114881	57.989	ug/l	99
64) Tetrachloroethene	11.106	164	104176	52.408	ug/l	92
65) Chlorobenzene	11.894	112	325223	54.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	120192	61.589	ug/l	99
67) Ethyl Benzene	11.965	91	582108	54.925	ug/l	99
68) m/p-Xylenes	12.076	106	437199	112.555	ug/l	94
69) o-Xylene	12.400	106	212737	56.539	ug/l	91
70) Styrene	12.412	104	376236	60.200	ug/l	97
71) Bromoform	12.582	173	98107	63.023	ug/l #	99
73) Isopropylbenzene	12.700	105	554928	51.744	ug/l	97
74) N-amyl acetate	12.494	43	303964	51.528	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	171313	55.415	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	162482m	57.186	ug/l	
77) Bromobenzene	12.982	156	136566	53.434	ug/l	90
78) n-propylbenzene	13.041	91	664102	52.294	ug/l	97
79) 2-Chlorotoluene	13.129	91	403713	50.625	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	469429	54.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	67322	55.420	ug/l #	82
82) 4-Chlorotoluene	13.223	91	407221	52.229	ug/l	96
83) tert-Butylbenzene	13.441	119	395501	52.133	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	474070	53.435	ug/l	97
85) sec-Butylbenzene	13.618	105	560298	53.283	ug/l	98
86) p-Isopropyltoluene	13.729	119	465336	54.451	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	251233	54.259	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	251031	53.119	ug/l	98
89) n-Butylbenzene	14.059	91	413112	53.782	ug/l	98
90) Hexachloroethane	14.335	117	89642	56.615	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	243863	55.640	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36146	56.908	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	133324	54.268	ug/l	98
94) Hexachlorobutadiene	15.506	225	56923	52.803	ug/l	99
95) Naphthalene	15.641	128	450753	58.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136594	55.539	ug/l	97

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

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