

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083018.D
 Acq On : 23 Jul 2024 18:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	77274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	133551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	124764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	49804	45.978	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.171	113	38882	45.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.740%		
50) Toluene-d8	10.570	98	143311	45.277	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.853	95	45799	40.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	80.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	47986	47.965	ug/l	98
3) Chloromethane	2.359	50	40737	42.937	ug/l	96
4) Vinyl Chloride	2.512	62	50500	50.681	ug/l	100
5) Bromomethane	2.942	94	34214	47.623	ug/l	98
6) Chloroethane	3.112	64	42091	61.728	ug/l	98
7) Trichlorofluoromethane	3.489	101	75601	52.752	ug/l	99
8) Diethyl Ether	3.965	74	25801	52.603	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	45604	56.223	ug/l	99
10) Methyl Iodide	4.589	142	41886	50.368	ug/l	96
11) Tert butyl alcohol	5.530	59	46513	255.297	ug/l	98
12) 1,1-Dichloroethene	4.336	96	39395	49.940	ug/l	91
13) Acrolein	4.189	56	6617	50.305	ug/l	97
14) Allyl chloride	5.024	41	57489	46.741	ug/l #	93
15) Acrylonitrile	5.724	53	123938	296.002	ug/l	99
16) Acetone	4.430	43	114195	299.430	ug/l	92
17) Carbon Disulfide	4.712	76	99765	42.324	ug/l	100
18) Methyl Acetate	5.024	43	74061	73.389	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	148264	54.487	ug/l	99
20) Methylene Chloride	5.277	84	51155	55.541	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	43485	50.875	ug/l	92
22) Diisopropyl ether	6.671	45	147907	57.480	ug/l #	92
23) Vinyl Acetate	6.606	43	559924	274.009	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	88570	56.745	ug/l	97
25) 2-Butanone	7.488	43	173234	300.828	ug/l	94
26) 2,2-Dichloropropane	7.494	77	79493	54.777	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	54086	54.049	ug/l	91
28) Bromochloromethane	7.818	49	39908	59.601	ug/l #	83
29) Tetrahydrofuran	7.841	42	108984	300.619	ug/l #	86
30) Chloroform	7.971	83	97984	59.175	ug/l	97
31) Cyclohexane	8.259	56	65319	46.123	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	88218	57.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	62232	52.671	ug/l	98
37) Ethyl Acetate	7.565	43	67794	56.358	ug/l	98
38) Carbon Tetrachloride	8.365	117	76446	53.737	ug/l	95
39) Methylcyclohexane	9.606	83	59542	46.653	ug/l	92
40) Benzene	8.606	78	201387	55.411	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	34897	53.849	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	73944	56.515	ug/l	99
43) Isopropyl Acetate	8.694	43	125593	55.711	ug/l #	95
44) Trichloroethene	9.353	130	45195	48.538	ug/l	100
45) 1,2-Dichloropropane	9.623	63	50937	60.032	ug/l	100
46) Dibromomethane	9.712	93	37350	56.503	ug/l	98
47) Bromodichloromethane	9.888	83	79349	58.096	ug/l	96
48) Methyl methacrylate	9.682	41	52896	56.081	ug/l #	85
49) 1,4-Dioxane	9.700	88	22826	1115.586	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	370254	310.476	ug/l	94
52) Toluene	10.629	92	127335	56.087	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	77923	55.380	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80965	54.363	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	50676	60.701	ug/l	97
56) Ethyl methacrylate	10.876	69	78700	60.593	ug/l	89
57) 1,3-Dichloropropane	11.165	76	86594	58.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	219606	329.506	ug/l	94
59) 2-Hexanone	11.200	43	284233	320.577	ug/l	94
60) Dibromochloromethane	11.359	129	62266	58.559	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51028	57.557	ug/l	100
64) Tetrachloroethene	11.106	164	41456	44.537	ug/l	99
65) Chlorobenzene	11.894	112	141338	52.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	53172	55.914	ug/l	98
67) Ethyl Benzene	11.964	91	242179	53.897	ug/l	99
68) m/p-Xylenes	12.070	106	188659	111.211	ug/l	97
69) o-Xylene	12.400	106	88499	54.445	ug/l	96
70) Styrene	12.412	104	157959	58.814	ug/l	99
71) Bromoform	12.582	173	42511	56.843	ug/l #	96
73) Isopropylbenzene	12.700	105	228867	51.778	ug/l	99
74) N-amyl acetate	12.494	43	103031	56.352	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	76612	57.873	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	68618m	65.429	ug/l	
77) Bromobenzene	12.982	156	59018	51.755	ug/l	93
78) n-propylbenzene	13.035	91	270868	53.298	ug/l	99
79) 2-Chlorotoluene	13.129	91	164868	50.914	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	190567	53.336	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	31583	59.228	ug/l	91
82) 4-Chlorotoluene	13.223	91	167539	52.272	ug/l	97
83) tert-Butylbenzene	13.441	119	163984	51.770	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	197137	54.134	ug/l	99
85) sec-Butylbenzene	13.617	105	225444	52.668	ug/l	100
86) p-Isopropyltoluene	13.729	119	187161	52.407	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	109614	53.211	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	107916	50.655	ug/l	98
89) n-Butylbenzene	14.058	91	154686	50.557	ug/l	98
90) Hexachloroethane	14.335	117	38872	51.440	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	105143	52.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15252	49.801	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	49161	45.631	ug/l	97
94) Hexachlorobutadiene	15.505	225	22082	46.235	ug/l	99
95) Naphthalene	15.641	128	180711	48.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	52865	47.723	ug/l	97

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

