

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079054.D
 Acq On : 25 Aug 2023 16:56
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 25 23:06:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 08/28/2023

Supervised By :Mahesh
 Dadoda
 08/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	219287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	381310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	343217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159012	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	159462	46.732	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	8.171	113	131583	51.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.570	98	462724	48.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.853	95	168093	53.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.920%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	140538	46.188	ug/l	98
3) Chloromethane	2.365	50	150639	35.459	ug/l	98
4) Vinyl Chloride	2.512	62	159080	42.699	ug/l	98
5) Bromomethane	2.936	94	88518	41.382	ug/l	100
6) Chloroethane	3.106	64	105484	40.501	ug/l	98
7) Trichlorofluoromethane	3.489	101	227001	50.025	ug/l	99
8) Diethyl Ether	3.965	74	88797	51.617	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	120071	49.682	ug/l	94
10) Methyl Iodide	4.583	142	159334	58.924	ug/l	99
11) Tert butyl alcohol	5.535	59	150883	263.510	ug/l	100
12) 1,1-Dichloroethene	4.341	96	117396	49.866	ug/l #	80
13) Acrolein	4.183	56	62663	192.531	ug/l	96
14) Allyl chloride	5.030	41	239235	51.058	ug/l #	89
15) Acrylonitrile	5.724	53	382547	246.617	ug/l	98
16) Acetone	4.436	43	380164	270.010	ug/l	91
17) Carbon Disulfide	4.712	76	288316	43.751	ug/l	99
18) Methyl Acetate	5.030	43	294201	49.463	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	431805	50.918	ug/l	95
20) Methylene Chloride	5.283	84	151727	50.568	ug/l #	77
21) trans-1,2-Dichloroethene	5.794	96	125107	47.390	ug/l	84
22) Diisopropyl ether	6.682	45	479227	48.346	ug/l #	88
23) Vinyl Acetate	6.612	43	1536837	235.468	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	251738	46.488	ug/l	99
25) 2-Butanone	7.488	43	545029	241.447	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	208162	47.557	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	148818	46.380	ug/l	83
28) Bromochloromethane	7.812	49	133211	46.374	ug/l #	73
29) Tetrahydrofuran	7.847	42	356828	238.820	ug/l #	71
30) Chloroform	7.971	83	261057	48.255	ug/l	92
31) Cyclohexane	8.259	56	200790	47.027	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	226238	49.044	ug/l	95
36) 1,1-Dichloropropene	8.376	75	190378	49.307	ug/l	95
37) Ethyl Acetate	7.571	43	217970	50.456	ug/l #	89
38) Carbon Tetrachloride	8.365	117	195639	50.569	ug/l	97
39) Methylcyclohexane	9.606	83	187267	52.736	ug/l #	88
40) Benzene	8.612	78	557535	48.853	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	119518	50.798	ug/l	#	79
42) 1,2-Dichloroethane	8.676	62	201503	47.260	ug/l		97
43) Isopropyl Acetate	8.694	43	365318	47.844	ug/l	#	87
44) Trichloroethene	9.359	130	142405	52.515	ug/l		88
45) 1,2-Dichloropropane	9.629	63	150866	49.651	ug/l		99
46) Dibromomethane	9.712	93	101888	48.888	ug/l		92
47) Bromodichloromethane	9.894	83	204174	49.613	ug/l		98
48) Methyl methacrylate	9.688	41	173388	50.111	ug/l	#	76
49) 1,4-Dioxane	9.700	88	61609	1045.369	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.453	43	1112785	245.719	ug/l	#	86
52) Toluene	10.635	92	346783	49.492	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	226042	51.218	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	238977	49.719	ug/l	#	84
55) 1,1,2-Trichloroethane	11.023	97	141878	50.500	ug/l		96
56) Ethyl methacrylate	10.882	69	224324	51.508	ug/l	#	74
57) 1,3-Dichloropropane	11.165	76	245658	48.886	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	436881	208.979	ug/l		90
59) 2-Hexanone	11.200	43	813365	247.968	ug/l		85
60) Dibromochloromethane	11.365	129	151559	51.264	ug/l		96
61) 1,2-Dibromoethane	11.476	107	140809	49.320	ug/l		100
64) Tetrachloroethene	11.112	164	117504	54.593	ug/l		93
65) Chlorobenzene	11.894	112	369461	50.570	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.964	131	143238	51.879	ug/l		96
67) Ethyl Benzene	11.970	91	664706	50.031	ug/l		97
68) m/p-Xylenes	12.076	106	503583	101.379	ug/l		97
69) o-Xylene	12.406	106	253581	52.479	ug/l		100
70) Styrene	12.417	104	413745	51.351	ug/l		98
71) Bromoform	12.582	173	108620	54.114	ug/l	#	98
73) Isopropylbenzene	12.700	105	640546	48.311	ug/l		100
74) N-amyl acetate	12.500	43	306759	45.836	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	215132	44.937	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	195746m	51.090	ug/l		
77) Bromobenzene	12.982	156	150142	47.111	ug/l		98
78) n-propylbenzene	13.041	91	726736	47.268	ug/l		100
79) 2-Chlorotoluene	13.129	91	445476	46.709	ug/l		95
80) 1,3,5-Trimethylbenzene	13.176	105	519802	49.472	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	74287	49.530	ug/l		87
82) 4-Chlorotoluene	13.223	91	431227	46.210	ug/l		98
83) tert-Butylbenzene	13.441	119	457947	51.874	ug/l		96
84) 1,2,4-Trimethylbenzene	13.488	105	520574	50.037	ug/l		98
85) sec-Butylbenzene	13.623	105	619101	50.958	ug/l		99
86) p-Isopropyltoluene	13.735	119	511515	52.697	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	274902	50.128	ug/l		96
88) 1,4-Dichlorobenzene	13.817	146	263138	47.939	ug/l		99
89) n-Butylbenzene	14.064	91	411056	51.458	ug/l		99
90) Hexachloroethane	14.335	117	95654	49.160	ug/l		87
91) 1,2-Dichlorobenzene	14.111	146	268434	49.221	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38414	48.382	ug/l		93
93) 1,2,4-Trichlorobenzene	15.400	180	114916	59.439	ug/l		97
94) Hexachlorobutadiene	15.505	225	60030	62.245	ug/l		97
95) Naphthalene	15.647	128	368289	50.246	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	115910	54.739	ug/l		96

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

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