

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037255.D
 Acq On : 25 Aug 2023 08:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 08:31:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97914	64.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.140%#			
35) Dibromofluoromethane	5.385	113	79648	56.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.440%			
50) Toluene-d8	8.647	98	274252	53.370	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.740%			
62) 4-Bromofluorobenzene	11.079	95	114337	56.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	57114	46.382	ug/l	100
3) Chloromethane	1.295	50	69093	64.136	ug/l	98
4) Vinyl Chloride	1.374	62	64731	55.202	ug/l	99
5) Bromomethane	1.599	94	31310	53.604	ug/l	97
6) Chloroethane	1.673	64	40839	59.184	ug/l	98
7) Trichlorofluoromethane	1.880	101	98232	51.140	ug/l	99
8) Diethyl Ether	2.136	74	49633	66.787	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	50423	44.997	ug/l	97
10) Methyl Iodide	2.447	142	81940	60.165	ug/l	94
11) Tert butyl alcohol	2.965	59	115891	323.270	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	57118	52.343	ug/l	85
13) Acrolein	2.233	56	85574	313.776	ug/l	99
14) Allyl chloride	2.660	41	96045	56.864	ug/l #	91
15) Acrylonitrile	3.063	53	216198	337.878	ug/l	99
16) Acetone	2.380	43	188814	315.810	ug/l	90
17) Carbon Disulfide	2.508	76	117714	42.409	ug/l	100
18) Methyl Acetate	2.703	43	151370	67.242	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	271913	65.702	ug/l	97
20) Methylene Chloride	2.788	84	82577	61.762	ug/l	86
21) trans-1,2-Dichloroethene	3.087	96	67446	54.371	ug/l	91
22) Diisopropyl ether	3.757	45	223558	64.502	ug/l #	89
23) Vinyl Acetate	3.721	43	826213	311.075	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	133968	61.638	ug/l	98
25) 2-Butanone	4.550	43	288064	319.994	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	64129	33.038	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	90294	61.744	ug/l	84
28) Bromochloromethane	4.898	49	64200	66.122	ug/l #	73
29) Tetrahydrofuran	5.001	42	183395	319.451	ug/l #	83
30) Chloroform	5.093	83	153160	62.775	ug/l	93
31) Cyclohexane	5.471	56	78530	45.699	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	123404	56.442	ug/l	96
36) 1,1-Dichloropropene	5.690	75	87757	43.602	ug/l	97
37) Ethyl Acetate	4.715	43	111245	54.109	ug/l #	94
38) Carbon Tetrachloride	5.672	117	99237	45.390	ug/l	96
39) Methylcyclohexane	7.379	83	84846	40.124	ug/l	92
40) Benzene	6.038	78	301786	52.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60030	56.166	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	123703	54.648	ug/l	95
43) Isopropyl Acetate	6.336	43	178301	54.625	ug/l #	91
44) Trichloroethene	7.123	130	78518	47.971	ug/l	98
45) 1,2-Dichloropropane	7.428	63	80379	56.474	ug/l	100
46) Dibromomethane	7.580	93	62566	55.801	ug/l	94
47) Bromodichloromethane	7.818	83	119981	55.868	ug/l	98
48) Methyl methacrylate	7.690	41	89861	56.452	ug/l #	85
49) 1,4-Dioxane	7.659	88	54454	1270.199	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	580573	292.918	ug/l	91
52) Toluene	8.720	92	197803	51.864	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	119567	52.289	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	126870	51.342	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	92852	59.789	ug/l	98
56) Ethyl methacrylate	9.116	69	145255	59.713	ug/l	85
57) 1,3-Dichloropropane	9.305	76	151243	57.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	331203	283.718	ug/l	92
59) 2-Hexanone	9.433	43	447462	296.087	ug/l	88
60) Dibromochloromethane	9.519	129	99086	59.926	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99100	58.283	ug/l	99
64) Tetrachloroethene	9.275	164	60725	40.039	ug/l	97
65) Chlorobenzene	10.080	112	225281	51.270	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	89205	55.006	ug/l	99
67) Ethyl Benzene	10.195	91	375796	48.604	ug/l	99
68) m/p-Xylenes	10.299	106	292288	97.891	ug/l	99
69) o-Xylene	10.640	106	153688	52.171	ug/l	98
70) Styrene	10.653	104	263158	54.231	ug/l	96
71) Bromoform	10.799	173	73313	60.435	ug/l #	100
73) Isopropylbenzene	10.964	105	370793	48.308	ug/l	99
74) N-amyl acetate	10.842	43	163732	54.899	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	149327	57.768	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	122966m	54.677	ug/l	
77) Bromobenzene	11.195	156	100528	53.627	ug/l	93
78) n-propylbenzene	11.305	91	410649	48.047	ug/l	99
79) 2-Chlorotoluene	11.366	91	277989	50.897	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	323565	50.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36729	45.615	ug/l	89
82) 4-Chlorotoluene	11.451	91	315815	50.092	ug/l	98
83) tert-Butylbenzene	11.713	119	320789	52.534	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	333130	51.481	ug/l	97
85) sec-Butylbenzene	11.890	105	364627	51.123	ug/l	99
86) p-Isopropyltoluene	12.006	119	314552	51.231	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	178710	50.920	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	182914	50.445	ug/l	100
89) n-Butylbenzene	12.329	91	242984	47.733	ug/l	99
90) Hexachloroethane	12.536	117	57967	56.564	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	185870	54.084	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34580	57.573	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	101011	50.233	ug/l	97
94) Hexachlorobutadiene	13.725	225	34658	44.614	ug/l	98
95) Naphthalene	13.774	128	413560	46.951	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	107239	53.678	ug/l	99

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

