

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035852.D
 Acq On : 25 May 2023 13:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 26 07:23:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/26/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	303942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139953	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	140029	46.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.000%
35) Dibromofluoromethane	5.379	113	107088	52.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	8.647	98	378894	50.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	154452	50.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	97961	43.081	ug/l	97
3) Chloromethane	1.294	50	113673	41.194	ug/l	99
4) Vinyl Chloride	1.374	62	108024	46.128	ug/l	98
5) Bromomethane	1.617	94	68397	53.927	ug/l	99
6) Chloroethane	1.691	64	76865	54.104	ug/l	98
7) Trichlorofluoromethane	1.886	101	162509	47.195	ug/l	99
8) Diethyl Ether	2.130	74	70604	53.254	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	95621	46.772	ug/l	97
10) Methyl Iodide	2.453	142	113050	61.828	ug/l	97
11) Tert butyl alcohol	3.014	59	133563m	248.717	ug/l	
12) 1,1-Dichloroethene	2.319	96	92240	47.473	ug/l	96
13) Acrolein	2.239	56	159152	249.704	ug/l	99
14) Allyl chloride	2.666	41	192663	46.284	ug/l	97
15) Acrylonitrile	3.068	53	338306	286.093	ug/l	99
16) Acetone	2.392	43	315148	240.899	ug/l	98
17) Carbon Disulfide	2.514	76	197461	42.109	ug/l	99
18) Methyl Acetate	2.703	43	286832	59.451	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	387483	50.115	ug/l	100
20) Methylene Chloride	2.788	84	123635	52.146	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	104232	48.956	ug/l	98
22) Diisopropyl ether	3.757	45	419110	51.424	ug/l	94
23) Vinyl Acetate	3.721	43	1489838	258.349	ug/l	99
24) 1,1-Dichloroethane	3.605	63	213047	48.877	ug/l	99
25) 2-Butanone	4.562	43	500573	276.410	ug/l	100
26) 2,2-Dichloropropane	4.477	77	148353	40.191	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	130326	50.920	ug/l	100
28) Bromochloromethane	4.891	49	96720	49.332	ug/l	97
29) Tetrahydrofuran	5.007	42	322161	283.029	ug/l	99
30) Chloroform	5.092	83	221976	49.697	ug/l	98
31) Cyclohexane	5.464	56	169207	44.000	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	174842	44.990	ug/l	99
36) 1,1-Dichloropropene	5.690	75	151911	46.951	ug/l	99
37) Ethyl Acetate	4.715	43	187761	55.638	ug/l	99
38) Carbon Tetrachloride	5.672	117	140100	45.710	ug/l	99
39) Methylcyclohexane	7.379	83	170404	44.742	ug/l	97
40) Benzene	6.037	78	464912	51.364	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	105219	52.512	ug/l	98
42) 1,2-Dichloroethane	6.080	62	189877	48.766	ug/l	99
43) Isopropyl Acetate	6.336	43	311187	52.880	ug/l	100
44) Trichloroethene	7.123	130	116512	50.766	ug/l	98
45) 1,2-Dichloropropane	7.427	63	128332	53.534	ug/l	100
46) Dibromomethane	7.580	93	88889	54.170	ug/l	98
47) Bromodichloromethane	7.818	83	162503	51.236	ug/l	99
48) Methyl methacrylate	7.690	41	153721	52.931	ug/l	98
49) 1,4-Dioxane	7.726	88	60288	1028.251	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	979416	288.892	ug/l	98
52) Toluene	8.714	92	292806	51.248	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	179854	52.195	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	197398	53.468	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	125455	55.905	ug/l	99
56) Ethyl methacrylate	9.116	69	196513	54.075	ug/l	96
57) 1,3-Dichloropropane	9.305	76	218779	53.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	468834	253.598	ug/l	100
59) 2-Hexanone	9.433	43	739928	289.806	ug/l	99
60) Dibromochloromethane	9.519	129	119748	55.980	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131746	55.722	ug/l	99
64) Tetrachloroethene	9.275	164	96391	51.111	ug/l	98
65) Chlorobenzene	10.079	112	318133	52.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	113116	52.316	ug/l	99
67) Ethyl Benzene	10.189	91	565398	49.163	ug/l	98
68) m/p-Xylenes	10.299	106	425028	99.984	ug/l	99
69) o-Xylene	10.640	106	215416	51.068	ug/l	99
70) Styrene	10.652	104	359929	52.943	ug/l	99
71) Bromoform	10.799	173	80017	56.246	ug/l #	100
73) Isopropylbenzene	10.963	105	544811	46.197	ug/l	99
74) N-amyl acetate	10.841	43	271087	49.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	198403	51.862	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165336m	48.297	ug/l	
77) Bromobenzene	11.195	156	135679	50.688	ug/l	99
78) n-propylbenzene	11.305	91	654738	47.229	ug/l	99
79) 2-Chlorotoluene	11.366	91	400310	46.122	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	464742	46.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	52297	49.235	ug/l	91
82) 4-Chlorotoluene	11.451	91	466028	46.623	ug/l	99
83) tert-Butylbenzene	11.713	119	453433	46.539	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	480892	47.782	ug/l	99
85) sec-Butylbenzene	11.890	105	572639	46.811	ug/l	99
86) p-Isopropyltoluene	12.006	119	482181	47.944	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	262599	51.643	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	263835	51.383	ug/l	100
89) n-Butylbenzene	12.329	91	434502	47.493	ug/l	98
90) Hexachloroethane	12.536	117	74449	48.840	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	253897	50.989	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39585	46.467	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	159744	53.280	ug/l	99
94) Hexachlorobutadiene	13.725	225	57861	48.621	ug/l	99
95) Naphthalene	13.774	128	545067	53.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156486	53.069	ug/l	99

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

05/26/2023

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