

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040560.D
 Acq On : 04 Mar 2024 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 05 00:20:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77753	49.313	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.620%		
35) Dibromofluoromethane	5.379	113	54509	50.457	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.920%		
50) Toluene-d8	8.647	98	187049	47.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.400%		
62) 4-Bromofluorobenzene	11.079	95	67228	44.974	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	89.940%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55157	47.015	ug/l	98
3) Chloromethane	1.294	50	50928	43.766	ug/l	97
4) Vinyl Chloride	1.374	62	56281	44.726	ug/l	97
5) Bromomethane	1.599	94	36037	51.534	ug/l	100
6) Chloroethane	1.679	64	34577	43.420	ug/l	95
7) Trichlorofluoromethane	1.880	101	87165	43.859	ug/l	99
8) Diethyl Ether	2.130	74	29437	42.375	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	53141	49.675	ug/l	99
10) Methyl Iodide	2.447	142	56892	51.100	ug/l	98
11) Tert butyl alcohol	2.959	59	68600	258.814	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	48075	44.761	ug/l	99
13) Acrolein	2.233	56	42798	251.852	ug/l	99
14) Allyl chloride	2.660	41	87444	46.537	ug/l	90
15) Acrylonitrile	3.056	53	154451	232.304	ug/l	97
16) Acetone	2.373	43	157642	306.580	ug/l	99
17) Carbon Disulfide	2.508	76	117843m	39.621	ug/l	
18) Methyl Acetate	2.697	43	80250	50.623	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	180515	49.274	ug/l	98
20) Methylene Chloride	2.788	84	56116	45.605	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51135	44.643	ug/l	98
22) Diisopropyl ether	3.751	45	179067	47.422	ug/l	93
23) Vinyl Acetate	3.715	43	833944	241.099	ug/l	99
24) 1,1-Dichloroethane	3.605	63	103403	46.960	ug/l	98
25) 2-Butanone	4.544	43	234439	261.685	ug/l	98
26) 2,2-Dichloropropane	4.471	77	90275	51.492	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62387	46.557	ug/l	99
28) Bromochloromethane	4.891	49	39017	42.359	ug/l	96
29) Tetrahydrofuran	4.995	42	145568	232.915	ug/l	97
30) Chloroform	5.086	83	114098	48.817	ug/l	97
31) Cyclohexane	5.464	56	79030	44.241	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	100596	50.427	ug/l	98
36) 1,1-Dichloropropene	5.684	75	78603	47.225	ug/l	99
37) Ethyl Acetate	4.708	43	88900	48.804	ug/l	99
38) Carbon Tetrachloride	5.672	117	84309	52.433	ug/l	96
39) Methylcyclohexane	7.373	83	87665	48.784	ug/l	99
40) Benzene	6.031	78	211890	47.021	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51179	50.299	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98807	52.976	ug/l	97
43) Isopropyl Acetate	6.330	43	146594	51.288	ug/l	98
44) Trichloroethene	7.117	130	57726	47.632	ug/l	97
45) 1,2-Dichloropropane	7.427	63	58499	48.506	ug/l	94
46) Dibromomethane	7.574	93	44440	50.120	ug/l	98
47) Bromodichloromethane	7.818	83	91034	52.145	ug/l	96
48) Methyl methacrylate	7.690	41	76402	53.480	ug/l	96
49) 1,4-Dioxane	7.653	88	27852	1030.610	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	485293	256.801	ug/l	98
52) Toluene	8.714	92	138169	49.960	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	94856	53.539	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	98470	51.707	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	60629	52.826	ug/l	97
56) Ethyl methacrylate	9.110	69	93870	52.899	ug/l	94
57) 1,3-Dichloropropane	9.305	76	100408	50.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	215899	232.044	ug/l	96
59) 2-Hexanone	9.427	43	387728	266.860	ug/l	97
60) Dibromochloromethane	9.519	129	67454	54.110	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64151	51.223	ug/l	100
64) Tetrachloroethene	9.269	164	50798	49.995	ug/l	98
65) Chlorobenzene	10.079	112	152593	49.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59771	55.095	ug/l	98
67) Ethyl Benzene	10.189	91	287950	51.100	ug/l	97
68) m/p-Xylenes	10.299	106	211352	100.440	ug/l	93
69) o-Xylene	10.640	106	103720	51.536	ug/l	93
70) Styrene	10.653	104	174468	52.001	ug/l	97
71) Bromoform	10.799	173	50103	56.419	ug/l #	98
73) Isopropylbenzene	10.963	105	280807	54.882	ug/l	100
74) N-amyl acetate	10.842	43	134449	56.578	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	90210	48.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78099m	51.078	ug/l	
77) Bromobenzene	11.195	156	61841	51.116	ug/l	95
78) n-propylbenzene	11.305	91	315669	49.739	ug/l	97
79) 2-Chlorotoluene	11.360	91	182952	47.887	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222256	51.077	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	24846	49.115	ug/l	97
82) 4-Chlorotoluene	11.451	91	221957	50.239	ug/l	100
83) tert-Butylbenzene	11.713	119	214140	52.199	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	222019	51.425	ug/l	100
85) sec-Butylbenzene	11.890	105	276094	51.229	ug/l	100
86) p-Isopropyltoluene	12.006	119	234967	52.892	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118987	49.342	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	120864	49.235	ug/l	99
89) n-Butylbenzene	12.329	91	224410	51.345	ug/l	96
90) Hexachloroethane	12.536	117	40615	54.932	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	115659	50.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23599	54.706	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	87247	58.175	ug/l	96
94) Hexachlorobutadiene	13.725	225	35119	57.297	ug/l	98
95) Naphthalene	13.774	128	279532	58.326	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84202	59.063	ug/l	99

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

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