

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040131.D
 Acq On : 06 Feb 2024 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 00:31:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63292	41.160	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.320%		
35) Dibromofluoromethane	5.385	113	50037	42.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.740%		
50) Toluene-d8	8.647	98	200290	45.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.780%#		
62) 4-Bromofluorobenzene	11.079	95	76241	45.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	62316	57.905	ug/l	97
3) Chloromethane	1.295	50	46927	45.980	ug/l	98
4) Vinyl Chloride	1.374	62	42561	45.091	ug/l	96
5) Bromomethane	1.593	94	39048	42.555	ug/l	98
6) Chloroethane	1.685	64	26533	42.579	ug/l	98
7) Trichlorofluoromethane	1.886	101	58812	39.161	ug/l	97
8) Diethyl Ether	2.130	74	23892	44.999	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	52591	46.934	ug/l	98
10) Methyl Iodide	2.447	142	68124	57.112	ug/l	94
11) Tert butyl alcohol	2.959	59	73791	264.472	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	49520	46.080	ug/l	89
13) Acrolein	2.233	56	46468	173.829	ug/l	100
14) Allyl chloride	2.660	41	98582	50.892	ug/l	97
15) Acrylonitrile	3.056	53	184902	264.554	ug/l	99
16) Acetone	2.374	43	172013	238.747	ug/l	95
17) Carbon Disulfide	2.508	76	142397	45.320	ug/l	99
18) Methyl Acetate	2.697	43	103443	60.605	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196215	53.301	ug/l	100
20) Methylene Chloride	2.788	84	64188	50.132	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	59381	50.174	ug/l	94
22) Diisopropyl ether	3.758	45	191453	51.024	ug/l	92
23) Vinyl Acetate	3.715	43	846129	251.970	ug/l	98
24) 1,1-Dichloroethane	3.605	63	96726	45.010	ug/l	99
25) 2-Butanone	4.550	43	216795	216.461	ug/l	99
26) 2,2-Dichloropropane	4.471	77	79988	47.703	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	61703	46.725	ug/l	96
28) Bromochloromethane	4.898	49	44314	44.222	ug/l	95
29) Tetrahydrofuran	5.001	42	147442	231.531	ug/l	100
30) Chloroform	5.093	83	101101	43.812	ug/l	96
31) Cyclohexane	5.471	56	88752	46.077	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	93202	47.063	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82455	48.848	ug/l	99
37) Ethyl Acetate	4.702	43	83530	45.312	ug/l	98
38) Carbon Tetrachloride	5.672	117	79664	49.324	ug/l	93
39) Methylcyclohexane	7.379	83	94719	46.120	ug/l	93
40) Benzene	6.032	78	233831	47.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45468	48.635	ug/l	94
42) 1,2-Dichloroethane	6.086	62	88730	46.884	ug/l	99
43) Isopropyl Acetate	6.330	43	146412	50.364	ug/l	99
44) Trichloroethene	7.117	130	61017	47.162	ug/l	94
45) 1,2-Dichloropropane	7.422	63	64449	49.650	ug/l	96
46) Dibromomethane	7.580	93	47665	48.921	ug/l	98
47) Bromodichloromethane	7.818	83	88973	51.272	ug/l	98
48) Methyl methacrylate	7.690	41	77950	54.432	ug/l	93
49) 1,4-Dioxane	7.653	88	32787	1053.591	ug/l #	88
51) 4-Methyl-2-Pentanone	8.568	43	535655	269.923	ug/l	100
52) Toluene	8.714	92	155801	50.844	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	95478	53.050	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	103182	53.728	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	65389	51.553	ug/l	97
56) Ethyl methacrylate	9.116	69	105245	56.821	ug/l	96
57) 1,3-Dichloropropane	9.305	76	110802	53.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	257399	276.355	ug/l	99
59) 2-Hexanone	9.427	43	420149	265.538	ug/l	100
60) Dibromochloromethane	9.519	129	67047	52.607	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66929	48.807	ug/l	100
64) Tetrachloroethene	9.269	164	53697	51.066	ug/l	96
65) Chlorobenzene	10.080	112	170314	50.987	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	53173	47.136	ug/l	97
67) Ethyl Benzene	10.189	91	303405	50.624	ug/l	99
68) m/p-Xylenes	10.299	106	235847	104.601	ug/l	98
69) o-Xylene	10.640	106	100894	47.174	ug/l	98
70) Styrene	10.653	104	173039	48.004	ug/l	99
71) Bromoform	10.799	173	43290	47.426	ug/l #	100
73) Isopropylbenzene	10.964	105	292638	49.003	ug/l	99
74) N-amyl acetate	10.842	43	142187	49.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	100442	44.736	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	85081m	48.041	ug/l	
77) Bromobenzene	11.195	156	62248	45.188	ug/l	99
78) n-propylbenzene	11.305	91	354517	48.242	ug/l	99
79) 2-Chlorotoluene	11.360	91	213415	48.239	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	252750	49.236	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27018	48.351	ug/l	94
82) 4-Chlorotoluene	11.451	91	247916	48.824	ug/l	98
83) tert-Butylbenzene	11.713	119	247497	50.383	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	261032	50.958	ug/l	98
85) sec-Butylbenzene	11.890	105	315449	48.470	ug/l	99
86) p-Isopropyltoluene	12.006	119	257245	48.405	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140175	50.441	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	142575	50.119	ug/l	100
89) n-Butylbenzene	12.329	91	242805	47.071	ug/l	97
90) Hexachloroethane	12.536	117	42439	48.964	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	134784	50.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26302	51.680	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	86425	51.598	ug/l	98
94) Hexachlorobutadiene	13.725	225	28999	43.952	ug/l	96
95) Naphthalene	13.774	128	306613	53.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83949	50.691	ug/l	99

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

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