

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040224\
 Data File : VX040860.D
 Acq On : 02 Apr 2024 15:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2024
 Supervised By : Mahesh Dadoda 04/03/2024

Quant Time: Apr 03 01:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	50205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	83093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41156	45.687	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.380%		
35) Dibromofluoromethane	5.385	113	28346	48.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	8.647	98	101362	47.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.320%		
62) 4-Bromofluorobenzene	11.079	95	40491	47.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32301	47.467	ug/l	98
3) Chloromethane	1.301	50	30979	52.696	ug/l	100
4) Vinyl Chloride	1.374	62	33211	54.728	ug/l	100
5) Bromomethane	1.599	94	22624	60.601	ug/l	99
6) Chloroethane	1.685	64	19709	50.384	ug/l	99
7) Trichlorofluoromethane	1.886	101	56861	48.949	ug/l	99
8) Diethyl Ether	2.136	74	16610	44.248	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29330	48.977	ug/l	98
10) Methyl Iodide	2.453	142	33621	46.281	ug/l	99
11) Tert butyl alcohol	2.953	59	36492	221.886	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	26548	47.266	ug/l	98
13) Acrolein	2.233	56	20053	223.370	ug/l	99
14) Allyl chloride	2.666	41	48960	48.660	ug/l	90
15) Acrylonitrile	3.062	53	80509	232.057	ug/l	97
16) Acetone	2.380	43	84092	240.415	ug/l	97
17) Carbon Disulfide	2.514	76	73455	45.207	ug/l	99
18) Methyl Acetate	2.703	43	36189	43.610	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	94182	47.638	ug/l	100
20) Methylene Chloride	2.788	84	29645	45.734	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	27821	46.896	ug/l	97
22) Diisopropyl ether	3.757	45	95389	48.715	ug/l	98
23) Vinyl Acetate	3.721	43	464931	247.735	ug/l	100
24) 1,1-Dichloroethane	3.611	63	53417	47.750	ug/l	100
25) 2-Butanone	4.550	43	122299	235.374	ug/l	97
26) 2,2-Dichloropropane	4.471	77	46701	48.624	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32876	47.990	ug/l	98
28) Bromochloromethane	4.898	49	22563	44.856	ug/l	99
29) Tetrahydrofuran	4.995	42	80389	238.034	ug/l	98
30) Chloroform	5.087	83	59777	49.093	ug/l	99
31) Cyclohexane	5.471	56	45456	47.553	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	53377	49.331	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40476	48.401	ug/l	98
37) Ethyl Acetate	4.709	43	47727	46.477	ug/l	98
38) Carbon Tetrachloride	5.678	117	46629	50.367	ug/l	96
39) Methylcyclohexane	7.379	83	49392	49.432	ug/l	97
40) Benzene	6.038	78	113309	48.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25929	49.167	ug/l	95
42) 1,2-Dichloroethane	6.086	62	49763	49.364	ug/l	96
43) Isopropyl Acetate	6.336	43	77739	49.020	ug/l	96
44) Trichloroethene	7.123	130	28463	49.100	ug/l	93
45) 1,2-Dichloropropane	7.428	63	28312	51.097	ug/l	99
46) Dibromomethane	7.580	93	22920	50.469	ug/l	99
47) Bromodichloromethane	7.818	83	46374	49.078	ug/l	94
48) Methyl methacrylate	7.690	41	39205	50.485	ug/l	94
49) 1,4-Dioxane	7.653	88	14706	992.360	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	257456	244.750	ug/l	96
52) Toluene	8.714	92	72082	49.218	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	46864	48.170	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	48626	51.900	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	28559	49.969	ug/l	98
56) Ethyl methacrylate	9.116	69	49444	50.380	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	49789	49.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	121500	255.372	ug/l	97
59) 2-Hexanone	9.427	43	208564	247.220	ug/l	95
60) Dibromochloromethane	9.519	129	34033	49.880	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30886	50.089	ug/l	98
64) Tetrachloroethene	9.275	164	25016	48.750	ug/l	98
65) Chlorobenzene	10.079	112	81696	48.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	27888	49.543	ug/l	98
67) Ethyl Benzene	10.189	91	148827	49.210	ug/l	99
68) m/p-Xylenes	10.299	106	107239	97.455	ug/l	89
69) o-Xylene	10.640	106	51542	49.719	ug/l	89
70) Styrene	10.653	104	91096	50.710	ug/l	95
71) Bromoform	10.799	173	23762	47.786	ug/l #	100
73) Isopropylbenzene	10.957	105	144230	49.505	ug/l	100
74) N-amyl acetate	10.842	43	74016	50.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	46842	47.020	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41295m	46.423	ug/l	
77) Bromobenzene	11.195	156	34118	49.920	ug/l	99
78) n-propylbenzene	11.305	91	178196	48.939	ug/l	98
79) 2-Chlorotoluene	11.360	91	102491	47.166	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	124901	50.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15897	48.217	ug/l	96
82) 4-Chlorotoluene	11.451	91	126622	48.807	ug/l	98
83) tert-Butylbenzene	11.713	119	120665	48.880	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	125489	50.061	ug/l	99
85) sec-Butylbenzene	11.890	105	154917	49.412	ug/l	99
86) p-Isopropyltoluene	12.006	119	131244	49.910	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65290	47.261	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	67447	46.012	ug/l	100
89) n-Butylbenzene	12.329	91	130070	50.068	ug/l	97
90) Hexachloroethane	12.536	117	22617	49.373	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	64373	47.547	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12307	48.077	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	44460	47.370	ug/l	95
94) Hexachlorobutadiene	13.725	225	16659	46.333	ug/l	97
95) Naphthalene	13.774	128	144043	47.663	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42728	47.719	ug/l	98

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

