

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036824.D
 Acq On : 07 Aug 2023 09:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 01:28:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	276705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	126781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114118	47.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.385	113	95369	50.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	8.647	98	317584	47.087	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	128586	50.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	116627	54.529	ug/l	99
3) Chloromethane	1.301	50	97415	50.076	ug/l	99
4) Vinyl Chloride	1.374	62	105750	53.393	ug/l	99
5) Bromomethane	1.599	94	47782	40.409	ug/l	95
6) Chloroethane	1.679	64	63915	66.376	ug/l	97
7) Trichlorofluoromethane	1.886	101	176233	57.619	ug/l	100
8) Diethyl Ether	2.136	74	61237	51.750	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	99133	53.948	ug/l	99
10) Methyl Iodide	2.453	142	110675	57.987	ug/l	93
11) Tert butyl alcohol	2.965	59	140804	248.268	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	94584	52.172	ug/l	88
13) Acrolein	2.233	56	79069	244.289	ug/l	98
14) Allyl chloride	2.660	41	166319	46.589	ug/l #	95
15) Acrylonitrile	3.062	53	278438	244.125	ug/l	99
16) Acetone	2.380	43	260137	261.684	ug/l	92
17) Carbon Disulfide	2.508	76	258007	51.565	ug/l	100
18) Methyl Acetate	2.703	43	198637	47.499	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	353927	51.951	ug/l	98
20) Methylene Chloride	2.788	84	107794	48.758	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	105629	52.132	ug/l	93
22) Diisopropyl ether	3.757	45	320369	47.264	ug/l	90
23) Vinyl Acetate	3.721	43	1256814	241.723	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	191346	50.350	ug/l	98
25) 2-Butanone	4.550	43	394487	244.590	ug/l	93
26) 2,2-Dichloropropane	4.471	77	180890	50.515	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	123651	51.380	ug/l	93
28) Bromochloromethane	4.897	49	84451	45.948	ug/l	86
29) Tetrahydrofuran	5.001	42	246392	236.953	ug/l	89
30) Chloroform	5.086	83	205014	52.729	ug/l	99
31) Cyclohexane	5.464	56	164985	49.740	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	187453	52.618	ug/l	98
36) 1,1-Dichloropropene	5.690	75	147573	52.058	ug/l	98
37) Ethyl Acetate	4.708	43	155257	48.388	ug/l	96
38) Carbon Tetrachloride	5.678	117	166859	55.365	ug/l	96
39) Methylcyclohexane	7.379	83	186705	52.967	ug/l	93
40) Benzene	6.038	78	425329	51.569	ug/l	99

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41) Methacrylonitrile	4.916	41	84341	49.148	ug/l	93
42) 1,2-Dichloroethane	6.086	62	163731	54.297	ug/l	97
43) Isopropyl Acetate	6.336	43	258875	46.871	ug/l	95
44) Trichloroethene	7.123	130	117008	54.275	ug/l	96
45) 1,2-Dichloropropane	7.428	63	108506	49.275	ug/l	99
46) Dibromomethane	7.580	93	80879	52.480	ug/l	96
47) Bromodichloromethane	7.818	83	164115	51.879	ug/l	97
48) Methyl methacrylate	7.690	41	123113	47.931	ug/l	89
49) 1,4-Dioxane	7.659	88	54346	1047.349	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	738544	241.635	ug/l	94
52) Toluene	8.714	92	274328	53.083	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	184211	51.521	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	191474	50.750	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	111877	51.500	ug/l	98
56) Ethyl methacrylate	9.116	69	178965	50.592	ug/l	93
57) 1,3-Dichloropropane	9.305	76	189138	52.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	396604	227.543	ug/l	96
59) 2-Hexanone	9.427	43	562687	248.056	ug/l	93
60) Dibromochloromethane	9.519	129	128418	53.784	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121774	54.087	ug/l	100
64) Tetrachloroethene	9.275	164	104766	56.677	ug/l	99
65) Chlorobenzene	10.079	112	289036	52.910	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	113138	53.584	ug/l	98
67) Ethyl Benzene	10.195	91	523903	52.498	ug/l	99
68) m/p-Xylenes	10.299	106	401372	107.796	ug/l	98
69) o-Xylene	10.640	106	197455	53.127	ug/l	97
70) Styrene	10.653	104	325440	53.072	ug/l	99
71) Bromoform	10.799	173	93107	54.475	ug/l #	100
73) Isopropylbenzene	10.963	105	518960	49.461	ug/l	99
74) N-amyl acetate	10.842	43	216318	44.212	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	167448	47.251	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	146798m	49.228	ug/l	
77) Bromobenzene	11.195	156	120504	50.432	ug/l	95
78) n-propylbenzene	11.305	91	604589	49.824	ug/l	100
79) 2-Chlorotoluene	11.366	91	359519	48.894	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	441124	50.256	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	60418	45.922	ug/l	86
82) 4-Chlorotoluene	11.451	91	418480	49.950	ug/l	99
83) tert-Butylbenzene	11.713	119	430594	49.936	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	439595	50.078	ug/l	98
85) sec-Butylbenzene	11.890	105	544971	50.677	ug/l	99
86) p-Isopropyltoluene	12.006	119	466978	52.774	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	230955	52.187	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	230710	52.530	ug/l	99
89) n-Butylbenzene	12.329	91	415205	52.417	ug/l	99
90) Hexachloroethane	12.536	117	88409	49.284	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	224444	52.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41417	50.294	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	147029	55.881	ug/l	96
94) Hexachlorobutadiene	13.725	225	57746	53.050	ug/l	99
95) Naphthalene	13.774	128	494702	53.954	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	141619	54.610	ug/l	99

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

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