

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036759.D
 Acq On : 01 Aug 2023 19:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 06:27:13 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

Manual Integrations APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92434	45.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.980%		
35) Dibromofluoromethane	5.385	113	78630	48.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	269195	47.035	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.060%		
62) 4-Bromofluorobenzene	11.079	95	107209	49.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74284	41.398	ug/l	96
3) Chloromethane	1.300	50	70090	42.946	ug/l	98
4) Vinyl Chloride	1.374	62	75928	45.695	ug/l	99
5) Bromomethane	1.599	94	50448	50.854	ug/l	98
6) Chloroethane	1.678	64	41849	51.803	ug/l	98
7) Trichlorofluoromethane	1.880	101	132789	51.749	ug/l	100
8) Diethyl Ether	2.136	74	48872	49.229	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	72758	47.195	ug/l	99
10) Methyl Iodide	2.453	142	75890	47.394	ug/l	93
11) Tert butyl alcohol	2.965	59	133174	279.889	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	70330	46.240	ug/l	87
13) Acrolein	2.239	56	86305	317.831	ug/l	96
14) Allyl chloride	2.660	41	128520	42.912	ug/l	94
15) Acrylonitrile	3.062	53	246182	257.277	ug/l	99
16) Acetone	2.380	43	209105	250.728	ug/l	91
17) Carbon Disulfide	2.508	76	165182	39.350	ug/l	98
18) Methyl Acetate	2.703	43	176170	50.213	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	282090	49.355	ug/l	99
20) Methylene Chloride	2.788	84	85184	45.927	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77914	45.835	ug/l	93
22) Diisopropyl ether	3.763	45	263087	46.264	ug/l	86
23) Vinyl Acetate	3.721	43	1021854	234.259	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	151916	47.648	ug/l	97
25) 2-Butanone	4.556	43	348016	257.198	ug/l	92
26) 2,2-Dichloropropane	4.477	77	118534	39.456	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	96234	47.664	ug/l	91
28) Bromochloromethane	4.897	49	73108	47.412	ug/l	88
29) Tetrahydrofuran	5.007	42	219968	252.149	ug/l	92
30) Chloroform	5.099	83	162263	49.745	ug/l	96
31) Cyclohexane	5.470	56	119648	42.996	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	143879	48.139	ug/l	98
36) 1,1-Dichloropropene	5.690	75	110566	45.963	ug/l	98
37) Ethyl Acetate	4.714	43	132952	48.831	ug/l	97
38) Carbon Tetrachloride	5.672	117	123439	48.267	ug/l	98
39) Methylcyclohexane	7.379	83	130637	43.674	ug/l	94
40) Benzene	6.037	78	331005	47.295	ug/l	99

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41) Methacrylonitrile	4.922	41	72884	50.051	ug/l	94
42) 1,2-Dichloroethane	6.086	62	127770	49.932	ug/l	96
43) Isopropyl Acetate	6.342	43	219537	46.842	ug/l	95
44) Trichloroethene	7.129	130	88455	48.352	ug/l	99
45) 1,2-Dichloropropane	7.433	63	88432	47.325	ug/l	97
46) Dibromomethane	7.580	93	65066	49.753	ug/l	96
47) Bromodichloromethane	7.824	83	132014	49.178	ug/l	96
48) Methyl methacrylate	7.696	41	104547	47.966	ug/l	90
49) 1,4-Dioxane	7.659	88	52633	1195.346	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	667804	257.480	ug/l	95
52) Toluene	8.720	92	214521	48.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	141360	46.591	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	149127	46.580	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	92937	50.416	ug/l	98
56) Ethyl methacrylate	9.116	69	151109	50.341	ug/l	93
57) 1,3-Dichloropropane	9.311	76	154778	50.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	364336	246.332	ug/l	97
59) 2-Hexanone	9.433	43	513146	266.585	ug/l	94
60) Dibromochloromethane	9.518	129	103679	51.171	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97822	51.202	ug/l	99
64) Tetrachloroethene	9.275	164	75313	46.428	ug/l	99
65) Chlorobenzene	10.079	112	230528	48.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93561	50.494	ug/l	100
67) Ethyl Benzene	10.195	91	417367	47.658	ug/l	100
68) m/p-Xylenes	10.299	106	315374	96.517	ug/l	99
69) o-Xylene	10.640	106	158699	48.657	ug/l	100
70) Styrene	10.652	104	265687	49.373	ug/l	98
71) Bromoform	10.799	173	76789	51.196	ug/l #	99
73) Isopropylbenzene	10.963	105	418687	46.308	ug/l	98
74) N-amyl acetate	10.841	43	189107	44.853	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	148516	48.634	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140955m	54.854	ug/l	
77) Bromobenzene	11.195	156	99632	48.388	ug/l	93
78) n-propylbenzene	11.305	91	482823	46.175	ug/l	100
79) 2-Chlorotoluene	11.366	91	293344	46.297	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	354846	46.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	48109	42.434	ug/l	88
82) 4-Chlorotoluene	11.457	91	334115	46.280	ug/l	98
83) tert-Butylbenzene	11.713	119	361404	48.637	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	355179	46.954	ug/l	97
85) sec-Butylbenzene	11.890	105	440604	47.547	ug/l	99
86) p-Isopropyltoluene	12.012	119	370114	48.540	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	187707	49.221	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	188116	49.705	ug/l	98
89) n-Butylbenzene	12.329	91	323909	47.454	ug/l	99
90) Hexachloroethane	12.536	117	71100	45.996	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	186536	50.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35543	50.088	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	114540	50.519	ug/l	98
94) Hexachlorobutadiene	13.725	225	44416	47.352	ug/l	98
95) Naphthalene	13.774	128	416321	52.693	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115332	51.611	ug/l	98

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

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