

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036281.D
 Acq On : 21 Jun 2023 19:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 05:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103171	42.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.580%		
35) Dibromofluoromethane	5.385	113	75186	44.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.940%		
50) Toluene-d8	8.647	98	283526	46.363	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.720%		
62) 4-Bromofluorobenzene	11.079	95	102258	41.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71879	44.388	ug/l	100
3) Chloromethane	1.294	50	84661	49.414	ug/l	98
4) Vinyl Chloride	1.373	62	84198	51.587	ug/l	100
5) Bromomethane	1.617	94	63718	63.508	ug/l	100
6) Chloroethane	1.690	64	76544	72.479	ug/l	99
7) Trichlorofluoromethane	1.886	101	137866	52.195	ug/l	100
8) Diethyl Ether	2.129	74	52662	53.565	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78708	52.252	ug/l	95
10) Methyl Iodide	2.453	142	84595	54.466	ug/l	94
11) Tert butyl alcohol	2.995	59	99076	268.810	ug/l #	95
12) 1,1-Dichloroethene	2.318	96	75586	53.065	ug/l	100
13) Acrolein	2.239	56	117381	286.780	ug/l	100
14) Allyl chloride	2.666	41	159296	55.270	ug/l	100
15) Acrylonitrile	3.068	53	276503	293.262	ug/l	99
16) Acetone	2.392	43	237654	237.266	ug/l	96
17) Carbon Disulfide	2.514	76	174881	49.671	ug/l	99
18) Methyl Acetate	2.702	43	219110	57.678	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	303612	54.449	ug/l	99
20) Methylene Chloride	2.788	84	91808	50.590	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	85835	54.237	ug/l	97
22) Diisopropyl ether	3.757	45	350130	61.049	ug/l	92
23) Vinyl Acetate	3.721	43	1231630	302.997	ug/l	100
24) 1,1-Dichloroethane	3.611	63	175939	55.523	ug/l	98
25) 2-Butanone	4.562	43	399220	284.695	ug/l	97
26) 2,2-Dichloropropane	4.470	77	126145	51.192	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	102044	56.387	ug/l	99
28) Bromochloromethane	4.897	49	84849	51.366	ug/l	90
29) Tetrahydrofuran	5.007	42	267384	300.230	ug/l	96
30) Chloroform	5.092	83	175552	52.604	ug/l	97
31) Cyclohexane	5.476	56	150164	58.061	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	143372	50.673	ug/l	98
36) 1,1-Dichloropropene	5.696	75	128004	51.978	ug/l	99
37) Ethyl Acetate	4.714	43	157463	54.880	ug/l	98
38) Carbon Tetrachloride	5.678	117	114135	47.675	ug/l	99
39) Methylcyclohexane	7.378	83	143852	54.237	ug/l	98
40) Benzene	6.037	78	378369	54.635	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	86509	54.688	ug/l	99
42) 1,2-Dichloroethane	6.086	62	147783	47.368	ug/l	99
43) Isopropyl Acetate	6.342	43	251264	57.222	ug/l	99
44) Trichloroethene	7.122	130	86663	50.077	ug/l	96
45) 1,2-Dichloropropane	7.427	63	100447	54.556	ug/l	98
46) Dibromomethane	7.580	93	65785	50.156	ug/l	96
47) Bromodichloromethane	7.817	83	127175	50.505	ug/l	99
48) Methyl methacrylate	7.689	41	120620	53.542	ug/l	99
49) 1,4-Dioxane	7.702	88	44881	1189.883	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	795812	287.027	ug/l	97
52) Toluene	8.720	92	228154	52.620	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	135491	52.239	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	150096	53.965	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	90022	50.292	ug/l	95
56) Ethyl methacrylate	9.116	69	146030	54.006	ug/l	95
57) 1,3-Dichloropropane	9.305	76	163237	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	415273	278.641	ug/l	96
59) 2-Hexanone	9.433	43	580820	281.778	ug/l	98
60) Dibromochloromethane	9.524	129	84219	48.205	ug/l	100
61) 1,2-Dibromoethane	9.610	107	94391	50.575	ug/l	98
64) Tetrachloroethene	9.274	164	68246	50.811	ug/l	98
65) Chlorobenzene	10.079	112	228453	51.070	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	78905	51.114	ug/l	97
67) Ethyl Benzene	10.195	91	435677	54.534	ug/l	99
68) m/p-Xylenes	10.299	106	333456	110.630	ug/l	98
69) o-Xylene	10.640	106	162618	54.683	ug/l	99
70) Styrene	10.652	104	275141	55.527	ug/l	98
71) Bromoform	10.799	173	53105	49.968	ug/l #	97
73) Isopropylbenzene	10.963	105	425153	49.203	ug/l	99
74) N-amyl acetate	10.841	43	216733	55.506	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	146986	49.680	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	122119m	44.187	ug/l	
77) Bromobenzene	11.195	156	91845	45.368	ug/l	95
78) n-propylbenzene	11.305	91	519194	51.077	ug/l	99
79) 2-Chlorotoluene	11.366	91	302449	47.306	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	361594	49.145	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	39714	50.298	ug/l	97
82) 4-Chlorotoluene	11.457	91	354236	47.552	ug/l	99
83) tert-Butylbenzene	11.713	119	340318	48.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	362964	49.457	ug/l	96
85) sec-Butylbenzene	11.890	105	465188	53.411	ug/l	99
86) p-Isopropyltoluene	12.006	119	386235	52.709	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	190091	49.237	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	199152	50.359	ug/l	99
89) n-Butylbenzene	12.329	91	360458	55.120	ug/l	99
90) Hexachloroethane	12.536	117	58624	51.003	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	195344	51.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	29691	45.498	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	100770	46.915	ug/l	97
94) Hexachlorobutadiene	13.725	225	34578	40.722	ug/l	99
95) Naphthalene	13.774	128	365364	49.314	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	96121	44.626	ug/l	99

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

