

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031788.D
 Acq On : 29 Sep 2022 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 30 04:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77951	45.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.260%		
35) Dibromofluoromethane	5.385	113	73360	49.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	8.647	98	266045	49.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	105512	54.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48102	48.563	ug/l	98
3) Chloromethane	1.288	50	40513	46.083	ug/l	99
4) Vinyl Chloride	1.374	62	57250	41.999	ug/l	99
5) Bromomethane	1.611	94	43902	34.049	ug/l	99
6) Chloroethane	1.685	64	57072	34.833	ug/l	98
7) Trichlorofluoromethane	1.886	101	130936	38.235	ug/l	99
8) Diethyl Ether	2.130	74	43508	45.128	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	56604	52.321	ug/l	91
10) Methyl Iodide	2.453	142	44803	42.250	ug/l	98
11) Tert butyl alcohol	3.014	59	57001	257.802	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	49867	60.612	ug/l	86
13) Acrolein	2.239	56	22960	218.975	ug/l	97
14) Allyl chloride	2.666	41	65514	46.026	ug/l #	93
15) Acrylonitrile	3.068	53	138007	230.205	ug/l	99
16) Acetone	2.392	43	111466	281.052	ug/l	93
17) Carbon Disulfide	2.508	76	91721	50.585	ug/l	99
18) Methyl Acetate	2.703	43	72398	46.640	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	195249	50.819	ug/l	95
20) Methylene Chloride	2.788	84	60517	55.590	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	58884	49.233	ug/l	88
22) Diisopropyl ether	3.757	45	162752	44.427	ug/l #	84
23) Vinyl Acetate	3.721	43	654454	225.890	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	100778	47.717	ug/l	97
25) 2-Butanone	4.562	43	182257	221.045	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	76251	44.482	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	75193	51.334	ug/l	81
28) Bromochloromethane	4.904	49	38993	39.467	ug/l #	57
29) Tetrahydrofuran	5.013	42	115432	222.856	ug/l #	81
30) Chloroform	5.093	83	126964	48.867	ug/l	100
31) Cyclohexane	5.477	56	74737	45.504	ug/l #	80
32) 1,1,1-Trichloroethane	5.385	97	114096	53.021	ug/l	94
36) 1,1-Dichloropropene	5.690	75	82924	49.190	ug/l	96
37) Ethyl Acetate	4.721	43	74983	44.098	ug/l #	94
38) Carbon Tetrachloride	5.678	117	102789	54.104	ug/l	98
39) Methylcyclohexane	7.379	83	94353	49.124	ug/l	87
40) Benzene	6.037	78	247958	47.891	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39232	45.343	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	92893	46.391	ug/l	96
43) Isopropyl Acetate	6.342	43	120966	45.200	ug/l #	91
44) Trichloroethene	7.123	130	78177	53.457	ug/l	90
45) 1,2-Dichloropropane	7.434	63	60183	47.895	ug/l	98
46) Dibromomethane	7.580	93	51099	50.636	ug/l #	90
47) Bromodichloromethane	7.824	83	96943	53.235	ug/l	99
48) Methyl methacrylate	7.696	41	56694	48.170	ug/l #	84
49) 1,4-Dioxane	7.702	88	33357	1172.114	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	394605	232.948	ug/l	91
52) Toluene	8.720	92	180061	52.173	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96440	46.010	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100635	53.177	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	76824	51.701	ug/l	96
56) Ethyl methacrylate	9.116	69	103146	54.254	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	116747	49.611	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	237317	253.503	ug/l #	83
59) 2-Hexanone	9.433	43	292591	231.501	ug/l	88
60) Dibromochloromethane	9.519	129	88063	50.734	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85226	56.502	ug/l	97
64) Tetrachloroethene	9.275	164	80090	52.480	ug/l	96
65) Chlorobenzene	10.079	112	212936	53.533	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	83494	58.338	ug/l	99
67) Ethyl Benzene	10.195	91	353255	52.207	ug/l	97
68) m/p-Xylenes	10.305	106	301453	110.879	ug/l	91
69) o-Xylene	10.640	106	149097	56.106	ug/l	91
70) Styrene	10.659	104	248742	57.504	ug/l	94
71) Bromoform	10.799	173	64552	52.376	ug/l #	99
73) Isopropylbenzene	10.963	105	392852	51.335	ug/l	98
74) N-amyl acetate	10.841	43	111390	44.873	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	114085	46.918	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100290m	46.750	ug/l	
77) Bromobenzene	11.201	156	105519	54.240	ug/l	83
78) n-propylbenzene	11.305	91	427088	50.153	ug/l	96
79) 2-Chlorotoluene	11.366	91	257312	48.932	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	338393	52.165	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27623	44.184	ug/l	98
82) 4-Chlorotoluene	11.457	91	302005	49.712	ug/l	93
83) tert-Butylbenzene	11.713	119	348498	55.709	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	337991	52.638	ug/l	97
85) sec-Butylbenzene	11.890	105	415077	52.210	ug/l	97
86) p-Isopropyltoluene	12.012	119	370171	53.994	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	203831	54.046	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	207235	52.495	ug/l	98
89) n-Butylbenzene	12.335	91	281845	50.325	ug/l	97
90) Hexachloroethane	12.542	117	57940	52.704	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	208450	55.191	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23942	49.138	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	124458	56.350	ug/l	97
94) Hexachlorobutadiene	13.725	225	47045	54.624	ug/l	98
95) Naphthalene	13.774	128	424694	57.565	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	125278	55.268	ug/l	98

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

