

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033282.D
 Acq On : 07 Dec 2022 15:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 01:42:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46793	45.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.080%		
35) Dibromofluoromethane	5.385	113	52218	46.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	115977	49.187	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	92097	51.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53487	47.277	ug/l	97
3) Chloromethane	1.294	50	57512	43.966	ug/l	97
4) Vinyl Chloride	1.374	62	67530	45.212	ug/l	99
5) Bromomethane	1.617	94	48546	44.290	ug/l	95
6) Chloroethane	1.691	64	53803	47.491	ug/l	100
7) Trichlorofluoromethane	1.886	101	135069	48.168	ug/l	98
8) Diethyl Ether	2.136	74	46698	46.107	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	73709	49.553	ug/l	99
10) Methyl Iodide	2.453	142	72947	44.777	ug/l	98
11) Tert butyl alcohol	3.001	59	74878	235.715	ug/l	95
12) 1,1-Dichloroethene	2.319	96	69433	47.288	ug/l	97
13) Acrolein	2.239	56	76306	221.483	ug/l	100
14) Allyl chloride	2.666	41	109451	46.678	ug/l	97
15) Acrylonitrile	3.068	53	177020	224.961	ug/l	98
16) Acetone	2.392	43	166447	216.489	ug/l	98
17) Carbon Disulfide	2.514	76	173118	45.939	ug/l	99
18) Methyl Acetate	2.709	43	101006	45.381	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	239285	47.048	ug/l	100
20) Methylene Chloride	2.788	84	76170	44.423	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	76533	47.650	ug/l	97
22) Diisopropyl ether	3.757	45	243003	48.371	ug/l	92
23) Vinyl Acetate	3.721	43	938935	240.797	ug/l	99
24) 1,1-Dichloroethane	3.611	63	136274	46.167	ug/l	99
25) 2-Butanone	4.562	43	255455	231.470	ug/l	98
26) 2,2-Dichloropropane	4.477	77	105843	48.760	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	91101	47.460	ug/l	97
28) Bromochloromethane	4.897	49	59008	47.756	ug/l	95
29) Tetrahydrofuran	5.007	42	163428	228.558	ug/l	98
30) Chloroform	5.092	83	154983	47.295	ug/l	98
31) Cyclohexane	5.470	56	123026	49.822	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	138270	49.041	ug/l	99
36) 1,1-Dichloropropene	5.696	75	111020	50.521	ug/l	99
37) Ethyl Acetate	4.715	43	99986	48.134	ug/l	100
38) Carbon Tetrachloride	5.678	117	123319	50.087	ug/l	97
39) Methylcyclohexane	7.379	83	131976	53.656	ug/l	99
40) Benzene	6.037	78	314697	49.116	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	57421	50.164	ug/l	97
42) 1,2-Dichloroethane	6.086	62	124955	49.112	ug/l	99
43) Isopropyl Acetate	6.336	43	161740	48.392	ug/l	98
44) Trichloroethene	7.123	130	88713	50.219	ug/l	99
45) 1,2-Dichloropropane	7.427	63	80428	49.083	ug/l	100
46) Dibromomethane	7.580	93	60195	48.223	ug/l	98
47) Bromodichloromethane	7.824	83	121057	49.751	ug/l	97
48) Methyl methacrylate	7.690	41	85088	49.327	ug/l	95
49) 1,4-Dioxane	7.708	88	38513	979.098	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	529348	250.444	ug/l	98
52) Toluene	8.720	92	211456	51.044	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	121554	46.678	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	131586	50.820	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	87076	50.004	ug/l	99
56) Ethyl methacrylate	9.116	69	125740	51.285	ug/l	93
57) 1,3-Dichloropropane	9.311	76	139851	49.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	287139	255.953	ug/l	99
59) 2-Hexanone	9.433	43	393243	252.465	ug/l	96
60) Dibromochloromethane	9.525	129	96341	50.214	ug/l	100
61) 1,2-Dibromoethane	9.610	107	92998	50.207	ug/l	99
64) Tetrachloroethene	9.275	164	78542	49.656	ug/l	96
65) Chlorobenzene	10.079	112	229365	48.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	88016	49.721	ug/l	99
67) Ethyl Benzene	10.195	91	416325	51.016	ug/l	97
68) m/p-Xylenes	10.305	106	328852	103.574	ug/l	98
69) o-Xylene	10.640	106	158396	50.471	ug/l	98
70) Styrene	10.652	104	268968	52.330	ug/l	98
71) Bromoform	10.799	173	69839	49.843	ug/l #	99
73) Isopropylbenzene	10.963	105	423875	50.277	ug/l	99
74) N-amyl acetate	10.841	43	144820	50.347	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	126355	47.242	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115008m	48.598	ug/l	
77) Bromobenzene	11.201	156	102752	48.264	ug/l	99
78) n-propylbenzene	11.305	91	490658	52.121	ug/l	99
79) 2-Chlorotoluene	11.366	91	288916	49.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	357024	50.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35558	46.740	ug/l	96
82) 4-Chlorotoluene	11.457	91	333420	49.286	ug/l	98
83) tert-Butylbenzene	11.713	119	354824	50.702	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	356338	50.867	ug/l	100
85) sec-Butylbenzene	11.890	105	431372	52.832	ug/l	99
86) p-Isopropyltoluene	12.012	119	364985	51.848	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191503	49.657	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	192502	48.868	ug/l	99
89) n-Butylbenzene	12.335	91	309430	53.668	ug/l	99
90) Hexachloroethane	12.536	117	59046	49.346	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	186469	48.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26816	46.416	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	118776	51.008	ug/l	97
94) Hexachlorobutadiene	13.725	225	48560	52.078	ug/l	98
95) Naphthalene	13.774	128	394505	50.790	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	119434	50.643	ug/l	100

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

