

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033498.D
 Acq On : 20 Dec 2022 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 21 04:12:46 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 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	123571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38775	48.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.385	113	44655	52.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	8.647	98	96049	53.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.520%		
62) 4-Bromofluorobenzene	11.079	95	81396	59.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	119.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	42880	49.675	ug/l	99
3) Chloromethane	1.295	50	43295	43.379	ug/l	96
4) Vinyl Chloride	1.374	62	50120	43.981	ug/l	100
5) Bromomethane	1.618	94	35874	42.896	ug/l	98
6) Chloroethane	1.691	64	42478	49.142	ug/l	97
7) Trichlorofluoromethane	1.886	101	81818	38.242	ug/l	99
8) Diethyl Ether	2.130	74	28076	36.332	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	63160	55.652	ug/l	97
10) Methyl Iodide	2.453	142	68065	54.759	ug/l	99
11) Tert butyl alcohol	2.995	59	52207	215.402	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	55735	49.751	ug/l	99
13) Acrolein	2.233	56	80487	306.194	ug/l	99
14) Allyl chloride	2.666	41	87531	48.927	ug/l	96
15) Acrylonitrile	3.063	53	146360	243.779	ug/l	97
16) Acetone	2.386	43	147753	251.874	ug/l	97
17) Carbon Disulfide	2.514	76	123274	42.874	ug/l	100
18) Methyl Acetate	2.703	43	84488	49.752	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	201387	51.897	ug/l	100
20) Methylene Chloride	2.788	84	63120	48.248	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	62782	51.231	ug/l	98
22) Diisopropyl ether	3.758	45	201932	52.683	ug/l	96
23) Vinyl Acetate	3.721	43	767930	258.123	ug/l	98
24) 1,1-Dichloroethane	3.611	63	113991	50.615	ug/l	99
25) 2-Butanone	4.556	43	207806	246.790	ug/l	100
26) 2,2-Dichloropropane	4.477	77	91988	55.542	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	76520	52.248	ug/l	98
28) Bromochloromethane	4.891	49	47172	50.036	ug/l	95
29) Tetrahydrofuran	5.001	42	131340	240.744	ug/l	98
30) Chloroform	5.093	83	132386	52.949	ug/l	99
31) Cyclohexane	5.465	56	97621	51.815	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	117548	54.643	ug/l	99
36) 1,1-Dichloropropene	5.690	75	91495	54.952	ug/l	99
37) Ethyl Acetate	4.709	43	78508	49.881	ug/l	99
38) Carbon Tetrachloride	5.678	117	103143	55.290	ug/l	97
39) Methylcyclohexane	7.379	83	106101	56.932	ug/l	97
40) Benzene	6.038	78	264558	54.496	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46181	53.247	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102989	53.424	ug/l	98
43) Isopropyl Acetate	6.336	43	132222	52.212	ug/l	97
44) Trichloroethene	7.123	130	75649	56.519	ug/l	100
45) 1,2-Dichloropropane	7.428	63	66705	53.728	ug/l	99
46) Dibromomethane	7.580	93	50934	53.854	ug/l	97
47) Bromodichloromethane	7.818	83	102259	55.466	ug/l	99
48) Methyl methacrylate	7.690	41	69069	52.846	ug/l	92
49) 1,4-Dioxane	7.702	88	27777	932.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	429582	268.242	ug/l	96
52) Toluene	8.714	92	179965	57.336	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104141	52.453	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111417	56.792	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	74255	56.279	ug/l	97
56) Ethyl methacrylate	9.116	69	106201	57.169	ug/l	91
57) 1,3-Dichloropropane	9.305	76	120183	56.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233617	274.843	ug/l	98
59) 2-Hexanone	9.427	43	317403	268.946	ug/l	95
60) Dibromochloromethane	9.519	129	82753	56.926	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79674	56.771	ug/l	99
64) Tetrachloroethene	9.275	164	67960	55.657	ug/l	96
65) Chlorobenzene	10.080	112	200244	55.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	77884	56.994	ug/l	98
67) Ethyl Benzene	10.195	91	356034	56.516	ug/l	99
68) m/p-Xylenes	10.299	106	287017	117.100	ug/l	96
69) o-Xylene	10.640	106	138895	57.331	ug/l	97
70) Styrene	10.653	104	237895	59.956	ug/l	97
71) Bromoform	10.799	173	60923	56.323	ug/l #	100
73) Isopropylbenzene	10.964	105	375978	55.278	ug/l	99
74) N-amyl acetate	10.842	43	120099	51.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	111520	51.683	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88275m	46.237	ug/l	
77) Bromobenzene	11.195	156	92286	53.732	ug/l	97
78) n-propylbenzene	11.305	91	425921	56.082	ug/l	98
79) 2-Chlorotoluene	11.366	91	255443	54.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	316366	55.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30934	50.401	ug/l	95
82) 4-Chlorotoluene	11.451	91	297226	54.461	ug/l	98
83) tert-Butylbenzene	11.713	119	310439	54.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	312734	55.336	ug/l	98
85) sec-Butylbenzene	11.890	105	378701	57.491	ug/l	99
86) p-Isopropyltoluene	12.006	119	324582	57.154	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	171778	55.212	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175031	55.077	ug/l	99
89) n-Butylbenzene	12.329	91	273093	58.712	ug/l	99
90) Hexachloroethane	12.536	117	51981	53.848	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	170183	54.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22235	47.706	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	104874	55.826	ug/l	98
94) Hexachlorobutadiene	13.725	225	43595	57.952	ug/l	99
95) Naphthalene	13.774	128	341730	54.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104495	54.922	ug/l	99

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

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