

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033225.D
 Acq On : 05 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 05:59:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	123994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52484	42.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.740%		
35) Dibromofluoromethane	5.385	113	47403	43.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.460%		
50) Toluene-d8	8.647	98	139170	41.831	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.660%#		
62) 4-Bromofluorobenzene	11.079	95	63435	44.041	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37987	40.100	ug/l	97
3) Chloromethane	1.294	50	41771	40.845	ug/l	99
4) Vinyl Chloride	1.374	62	49050	43.076	ug/l	99
5) Bromomethane	1.617	94	46469	55.033	ug/l	97
6) Chloroethane	1.691	64	45764	49.368	ug/l	98
7) Trichlorofluoromethane	1.886	101	109280	49.448	ug/l	98
8) Diethyl Ether	2.130	74	36771	52.849	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	57946	49.885	ug/l	99
10) Methyl Iodide	2.453	142	56815	42.726	ug/l	100
11) Tert butyl alcohol	2.989	59	41970m	219.262	ug/l	
12) 1,1-Dichloroethene	2.319	96	52226	48.266	ug/l	97
13) Acrolein	2.239	56	68917	313.446	ug/l	99
14) Allyl chloride	2.666	41	85657	49.033	ug/l	98
15) Acrylonitrile	3.068	53	142900	263.939	ug/l	99
16) Acetone	2.386	43	133428	236.603	ug/l	97
17) Carbon Disulfide	2.514	76	126392	42.279	ug/l	99
18) Methyl Acetate	2.703	43	81309	52.086	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	190413	50.741	ug/l	99
20) Methylene Chloride	2.788	84	59047	50.330	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	57726	46.637	ug/l	98
22) Diisopropyl ether	3.757	45	203180	53.414	ug/l	93
23) Vinyl Acetate	3.721	43	756023	253.908	ug/l	99
24) 1,1-Dichloroethane	3.611	63	107300	49.294	ug/l	99
25) 2-Butanone	4.562	43	206728	265.849	ug/l	100
26) 2,2-Dichloropropane	4.477	77	88303	50.452	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	71763	51.029	ug/l	99
28) Bromochloromethane	4.897	49	46021	48.116	ug/l	99
29) Tetrahydrofuran	5.007	42	134123	271.818	ug/l	99
30) Chloroform	5.099	83	128395	52.665	ug/l	99
31) Cyclohexane	5.464	56	95046	48.578	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	115146	52.740	ug/l	99
36) 1,1-Dichloropropene	5.690	75	88056	50.225	ug/l	100
37) Ethyl Acetate	4.714	43	80933	52.912	ug/l	100
38) Carbon Tetrachloride	5.678	117	104477	53.717	ug/l	99
39) Methylcyclohexane	7.379	83	101839	50.909	ug/l	96
40) Benzene	6.037	78	254781	51.830	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47143	54.774	ug/l	98
42) 1,2-Dichloroethane	6.086	62	101723	51.395	ug/l	98
43) Isopropyl Acetate	6.336	43	136313	53.886	ug/l	100
44) Trichloroethene	7.123	130	70008	50.753	ug/l	99
45) 1,2-Dichloropropane	7.427	63	65060	53.556	ug/l	99
46) Dibromomethane	7.580	93	49246	51.953	ug/l	99
47) Bromodichloromethane	7.818	83	103232	56.361	ug/l	99
48) Methyl methacrylate	7.690	41	68718	52.774	ug/l	97
49) 1,4-Dioxane	7.696	88	27174	1133.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	445263	285.249	ug/l	99
52) Toluene	8.720	92	170711	52.786	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105058	53.280	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111821	56.630	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	72139	54.788	ug/l	98
56) Ethyl methacrylate	9.116	69	100623	55.466	ug/l	95
57) 1,3-Dichloropropane	9.305	76	115101	54.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	236375	274.387	ug/l	100
59) 2-Hexanone	9.433	43	327397	283.925	ug/l	98
60) Dibromochloromethane	9.518	129	86004	60.669	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77435	55.718	ug/l	98
64) Tetrachloroethene	9.275	164	61698	47.714	ug/l	97
65) Chlorobenzene	10.079	112	188218	51.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	75557	56.618	ug/l	100
67) Ethyl Benzene	10.195	91	341747	52.896	ug/l	98
68) m/p-Xylenes	10.305	106	269480	106.516	ug/l	99
69) o-Xylene	10.640	106	132405	54.089	ug/l	96
70) Styrene	10.652	104	224906	56.160	ug/l	98
71) Bromoform	10.799	173	63977	62.527	ug/l #	97
73) Isopropylbenzene	10.963	105	354641	52.454	ug/l	100
74) N-amyl acetate	10.841	43	120850	52.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	109764	53.791	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98950m	55.223	ug/l	
77) Bromobenzene	11.201	156	85778	51.588	ug/l	99
78) n-propylbenzene	11.305	91	412825	53.405	ug/l	99
79) 2-Chlorotoluene	11.366	91	243533	51.872	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	301991	53.171	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33138	60.114	ug/l	94
82) 4-Chlorotoluene	11.457	91	283983	51.617	ug/l	99
83) tert-Butylbenzene	11.713	119	304165	53.800	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	298459	52.701	ug/l	99
85) sec-Butylbenzene	11.890	105	367475	54.329	ug/l	99
86) p-Isopropyltoluene	12.012	119	313766	54.753	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163126	52.305	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	165530	51.825	ug/l	98
89) n-Butylbenzene	12.335	91	269249	54.539	ug/l	99
90) Hexachloroethane	12.536	117	57663	61.246	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	160825	53.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23557	57.860	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	100203	53.581	ug/l	99
94) Hexachlorobutadiene	13.725	225	40696	49.325	ug/l	99
95) Naphthalene	13.774	128	331417	54.780	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100649	53.668	ug/l	100

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

