

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033252.D
 Acq On : 06 Dec 2022 01:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 06:04:16 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	5.550	168	143300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60794	42.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.960%		
35) Dibromofluoromethane	5.385	113	55163	42.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.700%		
50) Toluene-d8	8.647	98	160416	41.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	82.060%#		
62) 4-Bromofluorobenzene	11.079	95	72713	43.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43128	39.394	ug/l	97
3) Chloromethane	1.294	50	46856	39.645	ug/l	97
4) Vinyl Chloride	1.374	62	56590	43.002	ug/l	99
5) Bromomethane	1.617	94	38906	39.869	ug/l	100
6) Chloroethane	1.691	64	46991	43.862	ug/l	98
7) Trichlorofluoromethane	1.886	101	118990	46.588	ug/l	97
8) Diethyl Ether	2.136	74	40374	50.210	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	64969	48.396	ug/l	99
10) Methyl Iodide	2.453	142	59569	38.762	ug/l	100
11) Tert butyl alcohol	3.014	59	61462m	277.834	ug/l	
12) 1,1-Dichloroethene	2.325	96	60230	48.164	ug/l	97
13) Acrolein	2.239	56	82657	325.290	ug/l	100
14) Allyl chloride	2.666	41	95945	47.523	ug/l	98
15) Acrylonitrile	3.068	53	158875	253.911	ug/l	98
16) Acetone	2.392	43	134992	207.126	ug/l	98
17) Carbon Disulfide	2.514	76	142207	41.160	ug/l	100
18) Methyl Acetate	2.709	43	92881	51.483	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	224714	51.814	ug/l	98
20) Methylene Chloride	2.794	84	68955	50.870	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	66897	46.765	ug/l	98
22) Diisopropyl ether	3.757	45	225545	51.305	ug/l	89
23) Vinyl Acetate	3.721	43	852758	247.811	ug/l	98
24) 1,1-Dichloroethane	3.611	63	124654	49.551	ug/l	99
25) 2-Butanone	4.562	43	214695	238.897	ug/l	99
26) 2,2-Dichloropropane	4.483	77	91105	45.040	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	82043	50.479	ug/l	99
28) Bromochloromethane	4.903	49	49628	44.897	ug/l	95
29) Tetrahydrofuran	5.013	42	141527	248.181	ug/l	98
30) Chloroform	5.099	83	143316	50.866	ug/l	99
31) Cyclohexane	5.470	56	104349	46.148	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	129237	51.219	ug/l	99
36) 1,1-Dichloropropene	5.696	75	96387	46.831	ug/l	99
37) Ethyl Acetate	4.714	43	89329	49.747	ug/l	100
38) Carbon Tetrachloride	5.678	117	115459	50.568	ug/l	96
39) Methylcyclohexane	7.385	83	109494	46.625	ug/l	98
40) Benzene	6.037	78	283429	49.115	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51365	50.837	ug/l	97
42) 1,2-Dichloroethane	6.086	62	115454	49.690	ug/l	99
43) Isopropyl Acetate	6.342	43	150881	50.807	ug/l	98
44) Trichloroethene	7.129	130	80355	49.623	ug/l	98
45) 1,2-Dichloropropane	7.427	63	73620	51.623	ug/l	100
46) Dibromomethane	7.580	93	54954	49.385	ug/l	98
47) Bromodichloromethane	7.824	83	114609	53.301	ug/l	100
48) Methyl methacrylate	7.696	41	76650	50.144	ug/l	95
49) 1,4-Dioxane	7.708	88	31308	1112.647	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	467504	255.120	ug/l	98
52) Toluene	8.720	92	190247	50.110	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	113122	48.994	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120264	51.882	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	79594	51.493	ug/l	99
56) Ethyl methacrylate	9.116	69	114763	53.887	ug/l	94
57) 1,3-Dichloropropane	9.311	76	127454	51.077	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	268253	265.253	ug/l	98
59) 2-Hexanone	9.433	43	340808	251.763	ug/l	96
60) Dibromochloromethane	9.525	129	92536	55.605	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84726	51.931	ug/l	99
64) Tetrachloroethene	9.275	164	66783	45.474	ug/l	97
65) Chlorobenzene	10.079	112	209615	50.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	82543	54.461	ug/l	100
67) Ethyl Benzene	10.195	91	380173	51.811	ug/l	99
68) m/p-Xylenes	10.305	106	293619	102.187	ug/l	97
69) o-Xylene	10.640	106	143651	51.670	ug/l	98
70) Styrene	10.652	104	242038	53.215	ug/l	99
71) Bromoform	10.799	173	67763	58.312	ug/l #	99
73) Isopropylbenzene	10.963	105	388567	51.897	ug/l	100
74) N-amyl acetate	10.841	43	133895	52.570	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	116804	51.688	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104466m	52.646	ug/l	
77) Bromobenzene	11.201	156	94166	51.139	ug/l	99
78) n-propylbenzene	11.305	91	436316	50.968	ug/l	99
79) 2-Chlorotoluene	11.366	91	262169	50.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	322950	51.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32830	53.778	ug/l	94
82) 4-Chlorotoluene	11.457	91	300888	49.384	ug/l	98
83) tert-Butylbenzene	11.713	119	329748	52.667	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	322842	51.476	ug/l	100
85) sec-Butylbenzene	11.890	105	386174	51.556	ug/l	99
86) p-Isopropyltoluene	12.012	119	325080	51.224	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	175004	50.671	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	174515	49.338	ug/l	98
89) n-Butylbenzene	12.335	91	276045	50.491	ug/l	99
90) Hexachloroethane	12.536	117	57653	55.295	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	172207	51.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25567	56.705	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	107037	51.683	ug/l	99
94) Hexachlorobutadiene	13.725	225	42964	47.023	ug/l	98
95) Naphthalene	13.774	128	361196	53.911	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107323	51.676	ug/l	99

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

