

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033278.D
 Acq On : 07 Dec 2022 11:42
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 12:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 09:47:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129821	93.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 186.880%#			
35) Dibromofluoromethane	5.391	113	151294	120.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 240.740%#			
50) Toluene-d8	8.653	98	309454	75.838	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 151.680%#			
62) 4-Bromofluorobenzene	11.079	95	244909	148.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 296.680%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122657	124.483	ug/l	98
3) Chloromethane	1.294	50	157314	147.891	ug/l	97
4) Vinyl Chloride	1.374	62	167807	141.681	ug/l	98
5) Bromomethane	1.617	94	140122	159.542	ug/l	96
6) Chloroethane	1.691	64	115495	119.781	ug/l	100
7) Trichlorofluoromethane	1.886	101	283240	123.217	ug/l	99
8) Diethyl Ether	2.136	74	133256	184.129	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	158793	131.427	ug/l	98
10) Methyl Iodide	2.453	142	219915	158.998	ug/l	97
11) Tert butyl alcohol	3.093	59	222821m	1119.143	ug/l	
12) 1,1-Dichloroethene	2.319	96	172262	153.054	ug/l	99
13) Acrolein	2.239	56	253022m	1106.369	ug/l	
14) Allyl chloride	2.666	41	303647	167.109	ug/l	93
15) Acrylonitrile	3.068	53	557830	990.556	ug/l	98
16) Acetone	2.392	43	469301	800.072	ug/l	98
17) Carbon Disulfide	2.514	76	444725	143.021	ug/l	100
18) Methyl Acetate	2.709	43	318234	195.990	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	730692	187.198	ug/l	99
20) Methylene Chloride	2.788	84	224037	158.542	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	205904	159.931	ug/l	98
22) Diisopropyl ether	3.763	45	677264	171.174	ug/l	99
23) Vinyl Acetate	3.727	43	2785251	899.311	ug/l	96
24) 1,1-Dichloroethane	3.611	63	382012	168.724	ug/l	99
25) 2-Butanone	4.568	43	743566	919.306	ug/l	99
26) 2,2-Dichloropropane	4.477	77	275691	151.437	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	258191	176.507	ug/l	96
28) Bromochloromethane	4.903	49	158318	159.137	ug/l	93
29) Tetrahydrofuran	5.013	42	490232	955.173	ug/l	96
30) Chloroform	5.099	83	423786	167.120	ug/l	98
31) Cyclohexane	5.477	56	261384	128.438	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	346522	152.589	ug/l	98
36) 1,1-Dichloropropene	5.696	75	267855	133.281	ug/l	98
37) Ethyl Acetate	4.721	43	303375	173.027	ug/l	99
38) Carbon Tetrachloride	5.678	117	297622	133.497	ug/l	98
39) Methylcyclohexane	7.385	83	259458	113.151	ug/l	98
40) Benzene	6.037	78	859288	152.499	ug/l	100

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41) Methacrylonitrile	4.928	41	168569	170.863	ug/l	96
42) 1,2-Dichloroethane	6.086	62	345058	152.092	ug/l	97
43) Isopropyl Acetate	6.342	43	507740	175.101	ug/l	97
44) Trichloroethene	7.129	130	232626	147.125	ug/l	99
45) 1,2-Dichloropropane	7.434	63	226079	162.353	ug/l	100
46) Dibromomethane	7.580	93	177123	163.014	ug/l	98
47) Bromodichloromethane	7.824	83	344310	163.993	ug/l	98
48) Methyl methacrylate	7.696	41	252825	169.388	ug/l	92
49) 1,4-Dioxane	7.720	88	115303	4196.625	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1480794	827.584	ug/l	95
52) Toluene	8.720	92	554420	149.557	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	371247	180.152	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	392302	173.324	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	246911	163.595	ug/l	99
56) Ethyl methacrylate	9.116	69	372607	179.181	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	398683	163.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	863389	874.338	ug/l	98
59) 2-Hexanone	9.439	43	1087532	822.777	ug/l	93
60) Dibromochloromethane	9.525	129	283948	174.743	ug/l	99
61) 1,2-Dibromoethane	9.610	107	272145	170.833	ug/l	99
64) Tetrachloroethene	9.275	164	184932	125.423	ug/l	97
65) Chlorobenzene	10.079	112	615825	148.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	244812	160.880	ug/l	99
67) Ethyl Benzene	10.195	91	1049730	142.491	ug/l	99
68) m/p-Xylenes	10.305	106	824272	285.726	ug/l	96
69) o-Xylene	10.646	106	414501	148.498	ug/l	96
70) Styrene	10.659	104	710697	155.632	ug/l	98
71) Bromoform	10.799	173	208713	178.889	ug/l #	100
73) Isopropylbenzene	10.963	105	996208	140.002	ug/l	99
74) N-amyl acetate	10.848	43	414776	171.353	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	352906	164.323	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	309515m	164.127	ug/l	
77) Bromobenzene	11.201	156	272423	155.671	ug/l	100
78) n-propylbenzene	11.305	91	1114633	137.006	ug/l	99
79) 2-Chlorotoluene	11.366	91	703127	142.298	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	849987	142.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	113174	195.069	ug/l	90
82) 4-Chlorotoluene	11.457	91	831705	143.634	ug/l	98
83) tert-Butylbenzene	11.719	119	827149	139.011	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	854067	143.289	ug/l	99
85) sec-Butylbenzene	11.890	105	905800	127.242	ug/l	99
86) p-Isopropyltoluene	12.012	119	797245	132.185	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	485166	147.810	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	489915	145.739	ug/l	99
89) n-Butylbenzene	12.335	91	657935	126.627	ug/l	98
90) Hexachloroethane	12.542	117	143263	144.580	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	484137	151.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	82029	191.433	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	298296	151.555	ug/l	98
94) Hexachlorobutadiene	13.725	225	93761	107.977	ug/l	99
95) Naphthalene	13.774	128	1100373	172.814	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	298441	151.203	ug/l	100

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

