

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030722\
 Data File : VX027324.D
 Acq On : 07 Mar 2022 14:09
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 07 14:40:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 07 14:34:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	78788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	106517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135893	142.606	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 285.220%#			
35) Dibromofluoromethane	5.391	113	119593	178.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 357.380%#			
50) Toluene-d8	8.653	98	389145	156.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 313.580%#			
62) 4-Bromofluorobenzene	11.085	95	151839	159.038	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 318.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	124292	156.197	ug/l	100
3) Chloromethane	1.294	50	107451	150.334	ug/l	100
4) Vinyl Chloride	1.374	62	108864	153.925	ug/l	97
5) Bromomethane	1.599	94	44603	133.312	ug/l	100
6) Chloroethane	1.666	64	55804	128.240	ug/l	99
7) Trichlorofluoromethane	1.873	101	153800	136.783	ug/l	99
8) Diethyl Ether	2.136	74	56270	147.413	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	120745	155.302	ug/l	99
10) Methyl Iodide	2.447	142	155569	151.022	ug/l	99
11) Tert butyl alcohol	2.989	59	157308	857.208	ug/l	96
12) 1,1-Dichloroethene	2.312	96	120500	159.882	ug/l	95
13) Acrolein	2.239	56	125414	762.664	ug/l	99
14) Allyl chloride	2.666	41	229209	174.353	ug/l	96
15) Acrylonitrile	3.074	53	387458	836.890	ug/l	99
16) Acetone	2.392	43	330050	802.993	ug/l	96
17) Carbon Disulfide	2.507	76	336663	171.078	ug/l	99
18) Methyl Acetate	2.709	43	177560	169.325	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	413438	160.279	ug/l	99
20) Methylene Chloride	2.788	84	135230	159.447	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	129477	160.505	ug/l	98
22) Diisopropyl ether	3.776	45	363772	142.523	ug/l #	85
23) Vinyl Acetate	3.727	43	1728216	799.507	ug/l	98
24) 1,1-Dichloroethane	3.611	63	238856	163.566	ug/l	100
25) 2-Butanone	4.562	43	482468	743.713	ug/l	98
26) 2,2-Dichloropropane	4.483	77	176289	164.410	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	143356	153.756	ug/l	97
28) Bromochloromethane	4.903	49	72527	123.225	ug/l	85
29) Tetrahydrofuran	5.013	42	252601	584.250	ug/l	93
30) Chloroform	5.105	83	190933	125.120	ug/l	100
31) Cyclohexane	5.476	56	218489	159.705	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	203231	153.648	ug/l	98
36) 1,1-Dichloropropene	5.696	75	185562	194.509	ug/l	99
37) Ethyl Acetate	4.727	43	211642	202.819	ug/l	99
38) Carbon Tetrachloride	5.684	117	197746	196.923	ug/l	97
39) Methylcyclohexane	7.385	83	222275	187.906	ug/l	97
40) Benzene	6.043	78	500179	179.653	ug/l	99

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41) Methacrylonitrile	4.934	41	82742	144.524	ug/l	94
42) 1,2-Dichloroethane	6.092	62	197792	198.043	ug/l	98
43) Isopropyl Acetate	6.348	43	344551	215.354	ug/l	98
44) Trichloroethene	7.129	130	139271	166.957	ug/l	96
45) 1,2-Dichloropropane	7.433	63	138202	203.661	ug/l	98
46) Dibromomethane	7.586	93	98170	199.757	ug/l	99
47) Bromodichloromethane	7.824	83	188045	195.338	ug/l	99
48) Methyl methacrylate	7.696	41	171890	221.293	ug/l	97
49) 1,4-Dioxane	7.665	88	70159	3891.314	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	767726	735.500	ug/l	96
52) Toluene	8.720	92	268513	149.906	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	169375	179.507	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	180828	169.142	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	114166	160.727	ug/l	98
56) Ethyl methacrylate	9.122	69	179693	163.440	ug/l	92
57) 1,3-Dichloropropane	9.311	76	222380	188.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	405444	763.382	ug/l	94
59) 2-Hexanone	9.439	43	838544	1048.197	ug/l	97
60) Dibromochloromethane	9.525	129	159302	213.811	ug/l	100
61) 1,2-Dibromoethane	9.616	107	153842	203.655	ug/l	99
64) Tetrachloroethene	9.275	164	132732	123.636	ug/l	96
65) Chlorobenzene	10.079	112	379730	154.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	145239	162.535	ug/l	99
67) Ethyl Benzene	10.195	91	681575	158.657	ug/l	100
68) m/p-Xylenes	10.305	106	517685	312.493	ug/l	96
69) o-Xylene	10.646	106	260633	157.064	ug/l	97
70) Styrene	10.658	104	442212	163.239	ug/l	99
71) Bromoform	10.805	173	111210	163.021	ug/l #	100
73) Isopropylbenzene	10.963	105	612033	173.702	ug/l	99
74) N-amyl acetate	10.847	43	264610	198.011	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	167278	159.780	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	158006m	158.693	ug/l	
77) Bromobenzene	11.201	156	142034	160.948	ug/l	92
78) n-propylbenzene	11.305	91	668603	167.062	ug/l	98
79) 2-Chlorotoluene	11.366	91	444057	181.024	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	486473	164.246	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	62119	200.461	ug/l	86
82) 4-Chlorotoluene	11.457	91	453436	161.650	ug/l	97
83) tert-Butylbenzene	11.719	119	508174	175.506	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	532130	178.012	ug/l	97
85) sec-Butylbenzene	11.890	105	552296	152.877	ug/l	98
86) p-Isopropyltoluene	12.012	119	483713	156.387	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	252203	152.193	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	255364	150.052	ug/l	98
89) n-Butylbenzene	12.335	91	418220	163.043	ug/l	98
90) Hexachloroethane	12.542	117	86456	180.398	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	248929	153.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40195	164.970	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	164108	160.265	ug/l	98
94) Hexachlorobutadiene	13.725	225	65251	153.930	ug/l	98
95) Naphthalene	13.780	128	539405	155.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167978	163.581	ug/l	99

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

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