

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027697.D
 Acq On : 25 Mar 2022 12:54
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 25 13:59:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 13:56:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

03/26/2022
 Supervised By : Mahesh
 Dadoda

03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	60360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	104157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89782	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	20253	26.603	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	53.200%	#	
35) Dibromofluoromethane	5.391	113	14616	22.688	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	45.380%	#	
50) Toluene-d8	8.653	98	58814	24.112	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	48.220%	#	
62) 4-Bromofluorobenzene	11.085	95	21622	23.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	47.120%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17334	28.887	ug/l	97
3) Chloromethane	1.294	50	15405	28.611	ug/l	99
4) Vinyl Chloride	1.374	62	15541	25.710	ug/l	99
5) Bromomethane	1.599	94	8613	27.344	ug/l	95
6) Chloroethane	1.685	64	9182	25.116	ug/l	92
7) Trichlorofluoromethane	1.886	101	21812	22.426	ug/l	94
8) Diethyl Ether	2.136	74	7808	21.664	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	14321	24.374	ug/l	91
10) Methyl Iodide	2.453	142	13698	18.400	ug/l	92
11) Tert butyl alcohol	2.965	59	20955	141.390	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13705	24.245	ug/l	88
13) Acrolein	2.239	56	14036	126.807	ug/l	99
14) Allyl chloride	2.666	41	26656	28.688	ug/l #	90
15) Acrylonitrile	3.062	53	52548	153.833	ug/l	99
16) Acetone	2.380	43	42667	136.009	ug/l	92
17) Carbon Disulfide	2.514	76	34588	23.909	ug/l	98
18) Methyl Acetate	2.703	43	24037	30.660	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	52249	26.728	ug/l	97
20) Methylene Chloride	2.788	84	15921	23.923	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	15000	24.849	ug/l	84
22) Diisopropyl ether	3.764	45	56480	31.412	ug/l #	82
23) Vinyl Acetate	3.727	43	248257	157.878	ug/l #	90
24) 1,1-Dichloroethane	3.617	63	30708	28.320	ug/l	95
25) 2-Butanone	4.562	43	66905	139.529	ug/l	98
26) 2,2-Dichloropropane	4.477	77	22185	25.783	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	17018	24.319	ug/l	89
28) Bromochloromethane	4.904	49	13471	31.056	ug/l	83
29) Tetrahydrofuran	5.007	42	47966	160.341	ug/l #	83
30) Chloroform	5.105	83	30356	26.121	ug/l	95
31) Cyclohexane	5.471	56	24294	25.581	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	23343	22.246	ug/l	95
36) 1,1-Dichloropropene	5.696	75	21203	23.078	ug/l	98
37) Ethyl Acetate	4.715	43	27918	29.479	ug/l	95
38) Carbon Tetrachloride	5.678	117	20790	20.277	ug/l	92
39) Methylcyclohexane	7.385	83	26547	22.985	ug/l #	87
40) Benzene	6.044	78	62301	23.461	ug/l	100

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41) Methacrylonitrile	4.928	41	13969	27.008	ug/l	91
42) 1,2-Dichloroethane	6.098	62	25000	24.504	ug/l	94
43) Isopropyl Acetate	6.342	43	41025	26.623	ug/l #	92
44) Trichloroethene	7.129	130	15366	19.746	ug/l	76
45) 1,2-Dichloropropane	7.434	63	17055	25.063	ug/l	98
46) Dibromomethane	7.586	93	12185	23.665	ug/l #	84
47) Bromodichloromethane	7.824	83	23180	23.781	ug/l	93
48) Methyl methacrylate	7.696	41	21598	28.371	ug/l #	79
49) 1,4-Dioxane	7.665	88	8613	469.904	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	146316	149.124	ug/l	88
52) Toluene	8.720	92	39162	22.602	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23284	23.540	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	26334	24.279	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	15972	22.764	ug/l	89
56) Ethyl methacrylate	9.116	69	26474	24.594	ug/l #	72
57) 1,3-Dichloropropane	9.311	76	29445	25.204	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	74240	143.613	ug/l	91
59) 2-Hexanone	9.433	43	113248	150.073	ug/l	82
60) Dibromochloromethane	9.525	129	15348	20.146	ug/l	97
61) 1,2-Dibromoethane	9.610	107	16217	21.060	ug/l	98
64) Tetrachloroethene	9.275	164	13862	20.374	ug/l	89
65) Chlorobenzene	10.079	112	40193	22.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	13910	20.681	ug/l	98
67) Ethyl Benzene	10.195	91	75016	23.544	ug/l	96
68) m/p-Xylenes	10.305	106	54786	44.170	ug/l	85
69) o-Xylene	10.646	106	27781	23.093	ug/l	93
70) Styrene	10.659	104	44040	22.405	ug/l #	89
71) Bromoform	10.805	173	9364	17.638	ug/l #	95
73) Isopropylbenzene	10.963	105	72591	24.559	ug/l	95
74) N-amyl acetate	10.842	43	33820	30.315	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	25040	26.298	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	24032m	27.528	ug/l	
77) Bromobenzene	11.201	156	15759	21.866	ug/l	77
78) n-propylbenzene	11.305	91	84806	25.794	ug/l	96
79) 2-Chlorotoluene	11.366	91	52597	25.576	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	61640	24.750	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	6499	22.942	ug/l #	71
82) 4-Chlorotoluene	11.457	91	63163	26.875	ug/l	90
83) tert-Butylbenzene	11.719	119	56051	23.029	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	61572	24.741	ug/l	94
85) sec-Butylbenzene	11.890	105	71700	24.087	ug/l	96
86) p-Isopropyltoluene	12.012	119	58500	23.113	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	29098	21.623	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	29092	21.334	ug/l	93
89) n-Butylbenzene	12.335	91	52482	24.419	ug/l	95
90) Hexachloroethane	12.542	117	8237	20.509	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	29110	22.090	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5653	25.685	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	16673	19.680	ug/l	97
94) Hexachlorobutadiene	13.725	225	7508	19.938	ug/l	92
95) Naphthalene	13.780	128	59949	21.526	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15421	18.063	ug/l	95

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

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