

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025761.D
 Acq On : 13 Dec 2021 20:04
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 14 06:32:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 06:31:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	7861	6.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	13.100%#		
35) Dibromofluoromethane	5.391	113	6034	5.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.500%#		
50) Toluene-d8	8.653	98	21820	5.126	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	11.085	95	7909	4.881	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3909	4.391	ug/l	100
3) Chloromethane	1.294	50	5742	5.015	ug/l	96
4) Vinyl Chloride	1.374	62	6663	5.394	ug/l	99
5) Bromomethane	1.599	94	4920	8.052	ug/l	100
6) Chloroethane	1.678	64	4685	5.400	ug/l	93
7) Trichlorofluoromethane	1.886	101	11262	6.061	ug/l	97
8) Diethyl Ether	2.136	74	4164	5.350	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	6203	6.270	ug/l	94
10) Methyl Iodide	2.453	142	6054	4.778	ug/l	98
11) Tert butyl alcohol	2.971	59	8505	28.333	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	5728	5.762	ug/l	93
13) Acrolein	2.239	56	6184	78.083	ug/l	95
14) Allyl chloride	2.666	41	10240	5.620	ug/l	99
15) Acrylonitrile	3.068	53	16620	26.875	ug/l	99
16) Acetone	2.386	43	16497	25.899	ug/l	96
17) Carbon Disulfide	2.508	76	15749	5.602	ug/l	97
18) Methyl Acetate	2.703	43	11233	5.454	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	19129	5.404	ug/l	99
20) Methylene Chloride	2.794	84	7278	6.001	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	6175	5.587	ug/l	99
22) Diisopropyl ether	3.763	45	19083	5.442	ug/l	90
23) Vinyl Acetate	3.727	43	70741	25.182	ug/l	99
24) 1,1-Dichloroethane	3.617	63	11252	5.862	ug/l	94
25) 2-Butanone	4.568	43	23457	25.427	ug/l	97
26) 2,2-Dichloropropane	4.477	77	8287	4.962	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	7303	5.650	ug/l	97
28) Bromochloromethane	4.903	49	5329	5.932	ug/l #	92
29) Tetrahydrofuran	5.019	42	15213	26.444	ug/l	99
30) Chloroform	5.099	83	12587	6.240	ug/l	99
31) Cyclohexane	5.477	56	9674	5.614	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	10920	5.995	ug/l	97
36) 1,1-Dichloropropene	5.702	75	8706	5.447	ug/l	99
37) Ethyl Acetate	4.727	43	9173	5.002	ug/l	99
38) Carbon Tetrachloride	5.684	117	9998	5.663	ug/l	93
39) Methylcyclohexane	7.385	83	9337	4.741	ug/l #	85
40) Benzene	6.044	78	25131	5.161	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5067	4.976	ug/l #	74
42) 1,2-Dichloroethane	6.092	62	9537	5.846	ug/l	99
43) Isopropyl Acetate	6.342	43	14156	4.679	ug/l	98
44) Trichloroethene	7.129	130	7146	5.132	ug/l	94
45) 1,2-Dichloropropane	7.434	63	6105	5.101	ug/l	99
46) Dibromomethane	7.586	93	4838	5.489	ug/l	97
47) Bromodichloromethane	7.830	83	9630	5.542	ug/l	95
48) Methyl methacrylate	7.696	41	6561	4.593	ug/l	95
49) 1,4-Dioxane	7.665	88	2831	93.956	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	46340	24.260	ug/l	99
52) Toluene	8.720	92	15356	4.838	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	8127	4.286	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	9774	4.775	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	6857	5.394	ug/l	89
56) Ethyl methacrylate	9.122	69	8621	4.229	ug/l	96
57) 1,3-Dichloropropane	9.311	76	10905	5.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	19629	20.922	ug/l	96
59) 2-Hexanone	9.433	43	33934	22.681	ug/l	100
60) Dibromochloromethane	9.525	129	7240	4.915	ug/l	96
61) 1,2-Dibromoethane	9.610	107	7055	5.115	ug/l	98
64) Tetrachloroethene	9.275	164	6886	4.922	ug/l	93
65) Chlorobenzene	10.079	112	17304	4.929	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	6585	4.866	ug/l	99
67) Ethyl Benzene	10.195	91	29061	4.800	ug/l	99
68) m/p-Xylenes	10.305	106	21852	8.853	ug/l	91
69) o-Xylene	10.646	106	10877	4.504	ug/l	94
70) Styrene	10.659	104	17450	4.352	ug/l	98
71) Bromoform	10.799	173	5279	4.518	ug/l #	94
73) Isopropylbenzene	10.963	105	27778	5.083	ug/l	99
74) N-amyl acetate	10.848	43	9644	4.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	9896	5.509	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	9084m	5.712	ug/l	
77) Bromobenzene	11.201	156	7160	5.083	ug/l	97
78) n-propylbenzene	11.305	91	31171	5.089	ug/l	98
79) 2-Chlorotoluene	11.366	91	20362	5.393	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	23034	4.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	2520	4.115	ug/l	93
82) 4-Chlorotoluene	11.457	91	22568	5.238	ug/l	97
83) tert-Butylbenzene	11.719	119	22610	4.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	22326	4.884	ug/l	100
85) sec-Butylbenzene	11.890	105	27074	4.820	ug/l	99
86) p-Isopropyltoluene	12.012	119	22417	4.652	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	12945	4.949	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	13404	5.038	ug/l	95
89) n-Butylbenzene	12.335	91	18420	4.560	ug/l	98
90) Hexachloroethane	12.536	117	4649	5.203	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	12449	4.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2054	5.418	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	5306	3.634	ug/l	99
94) Hexachlorobutadiene	13.725	225	2823	4.116	ug/l	98
95) Naphthalene	13.780	128	15972	3.454	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5129	3.556	ug/l	94

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

