

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025835.D
 Acq On : 16 Dec 2021 00:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 07:33:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	131574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84895	44.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.680%		
35) Dibromofluoromethane	5.391	113	72202	47.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.653	98	269715	48.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.460%		
62) 4-Bromofluorobenzene	11.085	95	101911	47.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70963	60.306	ug/l	93
3) Chloromethane	1.294	50	72782	47.501	ug/l	96
4) Vinyl Chloride	1.374	62	77404	47.493	ug/l	100
5) Bromomethane	1.599	94	47254	40.605	ug/l	97
6) Chloroethane	1.679	64	51291	43.450	ug/l	99
7) Trichlorofluoromethane	1.886	101	124468	46.234	ug/l	99
8) Diethyl Ether	2.136	74	45655	42.991	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	66733	47.635	ug/l	99
10) Methyl Iodide	2.453	142	93508	52.385	ug/l	99
11) Tert butyl alcohol	2.971	59	77463	203.984	ug/l	100
12) 1,1-Dichloroethene	2.319	96	65633	47.120	ug/l	99
13) Acrolein	2.239	56	56411	217.324	ug/l	98
14) Allyl chloride	2.666	41	108464	42.666	ug/l	99
15) Acrylonitrile	3.069	53	199208	224.708	ug/l	99
16) Acetone	2.386	43	175200	210.581	ug/l	99
17) Carbon Disulfide	2.514	76	158390	39.698	ug/l	99
18) Methyl Acetate	2.709	43	131092	45.434	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	223123	45.352	ug/l	99
20) Methylene Chloride	2.788	84	73833	45.373	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	70829	45.564	ug/l	95
22) Diisopropyl ether	3.770	45	227644	46.165	ug/l	90
23) Vinyl Acetate	3.727	43	892864	233.985	ug/l	100
24) 1,1-Dichloroethane	3.611	63	125532	44.585	ug/l	98
25) 2-Butanone	4.562	43	282545	221.905	ug/l	100
26) 2,2-Dichloropropane	4.477	77	79068	37.024	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	83951	45.546	ug/l	97
28) Bromochloromethane	4.904	49	53597	42.241	ug/l	100
29) Tetrahydrofuran	5.013	42	186772	230.714	ug/l	100
30) Chloroform	5.099	83	136025	44.049	ug/l	99
31) Cyclohexane	5.471	56	114990	49.948	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	119559	44.485	ug/l	99
36) 1,1-Dichloropropene	5.696	75	98550	47.343	ug/l	99
37) Ethyl Acetate	4.721	43	108537	46.930	ug/l	98
38) Carbon Tetrachloride	5.684	117	104399	43.104	ug/l	99
39) Methylcyclohexane	7.385	83	118070	50.692	ug/l	99
40) Benzene	6.044	78	292733	47.143	ug/l	98

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41) Methacrylonitrile	4.922	41	58045	45.351	ug/l	99
42) 1,2-Dichloroethane	6.092	62	106295	45.040	ug/l	99
43) Isopropyl Acetate	6.348	43	170518	45.764	ug/l	100
44) Trichloroethene	7.129	130	81994	47.430	ug/l	100
45) 1,2-Dichloropropane	7.434	63	73900	47.218	ug/l	95
46) Dibromomethane	7.580	93	55217	45.318	ug/l	97
47) Bromodichloromethane	7.824	83	103042	42.908	ug/l	99
48) Methyl methacrylate	7.696	41	83674	47.687	ug/l	99
49) 1,4-Dioxane	7.665	88	38257	998.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	579327	237.512	ug/l	100
52) Toluene	8.720	92	192912	48.758	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	99293	43.378	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	112117	44.765	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	78427	46.223	ug/l	96
56) Ethyl methacrylate	9.122	69	117818	48.351	ug/l	99
57) 1,3-Dichloropropane	9.311	76	129102	46.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	270867	228.983	ug/l	100
59) 2-Hexanone	9.433	43	445476	241.046	ug/l	100
60) Dibromochloromethane	9.525	129	81550	42.347	ug/l	99
61) 1,2-Dibromoethane	9.610	107	84308	45.827	ug/l	100
64) Tetrachloroethene	9.275	164	74455	44.456	ug/l	98
65) Chlorobenzene	10.079	112	210256	48.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76043	44.495	ug/l	99
67) Ethyl Benzene	10.195	91	370139	50.012	ug/l	99
68) m/p-Xylenes	10.305	106	292528	101.578	ug/l	99
69) o-Xylene	10.646	106	142224	50.202	ug/l	100
70) Styrene	10.659	104	241366	51.199	ug/l	99
71) Bromoform	10.805	173	57992	41.191	ug/l #	100
73) Isopropylbenzene	10.963	105	369149	48.475	ug/l	100
74) N-amyl acetate	10.848	43	152349	49.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	124567	46.933	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	105262m	43.784	ug/l	
77) Bromobenzene	11.201	156	93212	47.718	ug/l	97
78) n-propylbenzene	11.305	91	426286	49.489	ug/l	100
79) 2-Chlorotoluene	11.366	91	254228	46.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	312395	49.461	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	28220	36.392	ug/l	91
82) 4-Chlorotoluene	11.457	91	289938	47.269	ug/l	99
83) tert-Butylbenzene	11.719	119	311551	50.325	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	317573	50.333	ug/l	99
85) sec-Butylbenzene	11.896	105	384484	51.670	ug/l	99
86) p-Isopropyltoluene	12.012	119	323784	51.812	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	174053	47.822	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	175346	47.188	ug/l	99
89) n-Butylbenzene	12.335	91	266817	51.185	ug/l	99
90) Hexachloroethane	12.542	117	49338	40.172	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	170280	48.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24763	41.518	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99962	47.881	ug/l	99
94) Hexachlorobutadiene	13.725	225	41284	55.839	ug/l	98
95) Naphthalene	13.780	128	343084	47.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100688	48.649	ug/l	99

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

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