

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026184.D
 Acq On : 30 Dec 2021 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 31 07:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	100146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	82231	56.757	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.520%			
35) Dibromofluoromethane	5.391	113	61798	58.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.040%			
50) Toluene-d8	8.653	98	222945	56.270	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.540%#			
62) 4-Bromofluorobenzene	11.079	95	80313	56.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	56825	54.027	ug/l	95
3) Chloromethane	1.295	50	62661	51.180	ug/l	100
4) Vinyl Chloride	1.374	62	65829	51.090	ug/l	99
5) Bromomethane	1.612	94	40587	51.041	ug/l	99
6) Chloroethane	1.685	64	45760	50.505	ug/l	99
7) Trichlorofluoromethane	1.892	101	120015	54.072	ug/l	99
8) Diethyl Ether	2.136	74	40852	53.577	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	61512	52.569	ug/l	97
10) Methyl Iodide	2.459	142	77175	51.002	ug/l	100
11) Tert butyl alcohol	2.983	59	70795	244.647	ug/l	99
12) 1,1-Dichloroethene	2.325	96	57996	52.298	ug/l	92
13) Acrolein	2.239	56	42027	406.153	ug/l	99
14) Allyl chloride	2.672	41	114015	52.026	ug/l	95
15) Acrylonitrile	3.069	53	190764	266.259	ug/l	98
16) Acetone	2.386	43	181444	231.142	ug/l	95
17) Carbon Disulfide	2.514	76	165447	51.984	ug/l	100
18) Methyl Acetate	2.709	43	135484	53.210	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	205847	53.143	ug/l	99
20) Methylene Chloride	2.794	84	66839	53.314	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	63086	52.147	ug/l	94
22) Diisopropyl ether	3.764	45	224081	53.571	ug/l	92
23) Vinyl Acetate	3.727	43	926461	278.936	ug/l	95
24) 1,1-Dichloroethane	3.617	63	119644	52.781	ug/l	99
25) 2-Butanone	4.562	43	283657	259.405	ug/l	95
26) 2,2-Dichloropropane	4.483	77	87527	51.248	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	72872	52.947	ug/l	93
28) Bromochloromethane	4.904	49	51657	51.415	ug/l	85
29) Tetrahydrofuran	5.013	42	184961	268.361	ug/l	94
30) Chloroform	5.105	83	127933	53.359	ug/l	92
31) Cyclohexane	5.477	56	109850	53.241	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	113276	54.346	ug/l	96
36) 1,1-Dichloropropene	5.702	75	92748	53.986	ug/l	97
37) Ethyl Acetate	4.721	43	110765	55.604	ug/l	97
38) Carbon Tetrachloride	5.684	117	103553	54.186	ug/l	98
39) Methylcyclohexane	7.385	83	102708	52.998	ug/l	94
40) Benzene	6.044	78	260946	53.219	ug/l	97

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41) Methacrylonitrile	4.928	41	62076	55.183	ug/l	94
42) 1,2-Dichloroethane	6.092	62	108113	54.483	ug/l	96
43) Isopropyl Acetate	6.348	43	176582	54.390	ug/l	95
44) Trichloroethene	7.129	130	69557	52.720	ug/l	96
45) 1,2-Dichloropropane	7.434	63	68475	54.599	ug/l	93
46) Dibromomethane	7.586	93	50774	54.580	ug/l	96
47) Bromodichloromethane	7.824	83	102102	53.948	ug/l	98
48) Methyl methacrylate	7.696	41	88045	56.546	ug/l	93
49) 1,4-Dioxane	7.678	88	28562	995.406	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	564838	279.571	ug/l	96
52) Toluene	8.720	92	164377	54.455	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	103523	51.376	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	111583	55.781	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	66721	53.781	ug/l	99
56) Ethyl methacrylate	9.122	69	108872	56.900	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	116209	54.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	257351	251.538	ug/l	95
59) 2-Hexanone	9.433	43	430781	281.483	ug/l	94
60) Dibromochloromethane	9.525	129	78235	55.668	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71518	53.878	ug/l	99
64) Tetrachloroethene	9.275	164	64535	50.707	ug/l	97
65) Chlorobenzene	10.079	112	170452	51.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68367	54.154	ug/l	99
67) Ethyl Benzene	10.195	91	315678	53.288	ug/l	96
68) m/p-Xylenes	10.305	106	238159	107.672	ug/l	93
69) o-Xylene	10.646	106	114320	52.823	ug/l	93
70) Styrene	10.659	104	194590	54.847	ug/l	96
71) Bromoform	10.799	173	57498	56.142	ug/l	99
73) Isopropylbenzene	10.963	105	308630	54.774	ug/l	97
74) N-amyl acetate	10.848	43	149247	57.684	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	103053	53.777	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	95440m	54.545	ug/l	
77) Bromobenzene	11.201	156	72616	54.343	ug/l	93
78) n-propylbenzene	11.305	91	363297	56.077	ug/l	96
79) 2-Chlorotoluene	11.366	91	215223	53.969	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	260530	55.716	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	33623	55.592	ug/l	89
82) 4-Chlorotoluene	11.457	91	249677	55.437	ug/l	95
83) tert-Butylbenzene	11.719	119	249301	54.928	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	260301	55.712	ug/l	97
85) sec-Butylbenzene	11.890	105	313732	55.391	ug/l	98
86) p-Isopropyltoluene	12.012	119	262171	55.525	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135670	54.085	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	136993	50.937	ug/l	100
89) n-Butylbenzene	12.335	91	229227	54.628	ug/l	97
90) Hexachloroethane	12.542	117	52194	55.345	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	133567	51.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26361	53.736	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	81993	53.322	ug/l	99
94) Hexachlorobutadiene	13.725	225	32432	50.798	ug/l	99
95) Naphthalene	13.780	128	304402	54.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81949	52.381	ug/l	98

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

