

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023866.D
 Acq On : 20 Aug 2021 02:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:49:47 PM

Quant Time: Aug 20 03:18:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	192879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	309213	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	295850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138469	51.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.880%	
35) Dibromofluoromethane	5.397	113	106553	52.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.120%	
50) Toluene-d8	8.653	98	399453	51.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	11.085	95	153076	53.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	101242	49.750	ug/l	97
3) Chloromethane	1.294	50	109446	48.992	ug/l	97
4) Vinyl Chloride	1.374	62	106607	48.930	ug/l	99
5) Bromomethane	1.599	94	67755	49.462	ug/l	98
6) Chloroethane	1.679	64	69268	43.114	ug/l	100
7) Trichlorofluoromethane	1.886	101	174870	50.825	ug/l	98
8) Diethyl Ether	2.142	74	60330	50.211	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	94824	48.978	ug/l	95
10) Methyl Iodide	2.453	142	137756	51.101	ug/l	95
11) Tert butyl alcohol	2.983	59	133055	244.405	ug/l	98
12) 1,1-Dichloroethene	2.319	96	91751	49.567	ug/l	93
13) Acrolein	2.239	56	80922	249.785	ug/l	98
14) Allyl chloride	2.666	41	165723	48.580	ug/l	91
15) Acrylonitrile	3.075	53	301770	248.783	ug/l	97
16) Acetone	2.392	43	279298	232.041	ug/l	91
17) Carbon Disulfide	2.514	76	236621	53.597	ug/l	100
18) Methyl Acetate	2.715	43	153132	50.963	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	334544	51.928	ug/l	99
20) Methylene Chloride	2.794	84	108441	47.166	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	98960	50.051	ug/l	97
22) Diisopropyl ether	3.770	45	346491	50.997	ug/l	94
23) Vinyl Acetate	3.733	43	1411683	256.847	ug/l	94
24) 1,1-Dichloroethane	3.617	63	189608	50.144	ug/l	97
25) 2-Butanone	4.568	43	452935	248.441	ug/l	94
26) 2,2-Dichloropropane	4.483	77	115680	37.275	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	116317	49.441	ug/l	99
28) Bromochloromethane	4.910	49	82538	48.007	ug/l	91
29) Tetrahydrofuran	5.019	42	291260	246.645	ug/l	89
30) Chloroform	5.105	83	199386	49.800	ug/l	99
31) Cyclohexane	5.477	56	170451	49.285	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	175783	51.274	ug/l	98
36) 1,1-Dichloropropene	5.696	75	146484	51.155	ug/l	98
37) Ethyl Acetate	4.727	43	174347	49.531	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	154027	51.583	ug/l	99
39) Methylcyclohexane	7.385	83	171936	49.313	ug/l	97
40) Benzene	6.044	78	420611	49.674	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	95599	50.100	ug/l	91
42) 1,2-Dichloroethane	6.092	62	167638	50.374	ug/l	94
43) Isopropyl Acetate	6.348	43	281666	51.158	ug/l	92
44) Trichloroethene	7.129	130	116183	49.671	ug/l	97
45) 1,2-Dichloropropane	7.440	63	112451	50.013	ug/l	99
46) Dibromomethane	7.586	93	80320	51.333	ug/l	97
47) Bromodichloromethane	7.830	83	150182	53.056	ug/l	99
48) Methyl methacrylate	7.702	41	139742	52.028	ug/l	85
49) 1,4-Dioxane	7.665	88	55734	981.836	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	936909	263.246	ug/l	90
52) Toluene	8.720	92	274219	49.978	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	163990	45.072	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	172775	50.373	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	115676	51.209	ug/l	98
56) Ethyl methacrylate	9.122	69	187573	48.618	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	192654	51.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	445172	244.742	ug/l	97
59) 2-Hexanone	9.433	43	724099	264.679	ug/l	87
60) Dibromochloromethane	9.525	129	120962	48.537	ug/l	99
61) 1,2-Dibromoethane	9.616	107	122738	51.434	ug/l	99
64) Tetrachloroethene	9.275	164	114582	48.490	ug/l	95
65) Chlorobenzene	10.086	112	305979	49.563	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	114152	51.952	ug/l	99
67) Ethyl Benzene	10.195	91	541900	50.266	ug/l	98
68) m/p-Xylenes	10.305	106	417914	101.774	ug/l	100
69) o-Xylene	10.646	106	207648	51.458	ug/l	98
70) Styrene	10.659	104	345135	52.500	ug/l	98
71) Bromoform	10.805	173	87620	49.110	ug/l #	100
73) Isopropylbenzene	10.963	105	547339	51.017	ug/l	100
74) N-amyl acetate	10.848	43	253896	52.366	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	171588	48.801	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	161541m	49.233	ug/l	
77) Bromobenzene	11.201	156	133274	50.436	ug/l	98
78) n-propylbenzene	11.311	91	626181	51.029	ug/l	100
79) 2-Chlorotoluene	11.366	91	379603	51.182	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	455801	51.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	52676	47.224	ug/l	91
82) 4-Chlorotoluene	11.457	91	428735	50.927	ug/l	100
83) tert-Butylbenzene	11.719	119	444283	51.885	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	453271	51.561	ug/l	99
85) sec-Butylbenzene	11.896	105	566974	52.299	ug/l	100
86) p-Isopropyltoluene	12.012	119	464615	52.072	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	239329	50.061	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	239018	50.128	ug/l	99
89) n-Butylbenzene	12.335	91	408956	51.333	ug/l	97
90) Hexachloroethane	12.542	117	77612	49.904	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	229983	49.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39306	47.778	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	141580	50.791	ug/l	98
94) Hexachlorobutadiene	13.725	225	58799	47.326	ug/l	99
95) Naphthalene	13.780	128	502555	48.877	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145474	52.401	ug/l	99

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

