

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023977.D
 Acq On : 26 Aug 2021 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:24 PM

Quant Time: Aug 27 06:01:08 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	183697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140106	54.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.300%	
35) Dibromofluoromethane	5.391	113	104195	52.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.580%	
50) Toluene-d8	8.653	98	384645	51.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	11.085	95	158129	57.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	100199	51.699	ug/l	99
3) Chloromethane	1.294	50	106744	50.171	ug/l	97
4) Vinyl Chloride	1.374	62	105931	51.050	ug/l	99
5) Bromomethane	1.599	94	68926	52.832	ug/l	98
6) Chloroethane	1.678	64	69172	45.406	ug/l	97
7) Trichlorofluoromethane	1.886	101	172900	52.764	ug/l	99
8) Diethyl Ether	2.142	74	59493	51.989	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	96050	52.091	ug/l	96
10) Methyl Iodide	2.453	142	140553	54.744	ug/l	93
11) Tert butyl alcohol	2.983	59	143318	276.416	ug/l	98
12) 1,1-Dichloroethene	2.319	96	95409	54.119	ug/l	97
13) Acrolein	2.245	56	61851	200.461	ug/l	99
14) Allyl chloride	2.666	41	172913	53.222	ug/l	90
15) Acrylonitrile	3.075	53	309335	267.767	ug/l	97
16) Acetone	2.392	43	285609	249.145	ug/l	89
17) Carbon Disulfide	2.514	76	235065	55.906	ug/l	100
18) Methyl Acetate	2.715	43	151600	52.975	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	344397	56.130	ug/l	98
20) Methylene Chloride	2.794	84	109049	49.801	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	100785	53.522	ug/l	94
22) Diisopropyl ether	3.776	45	358913	55.466	ug/l	94
23) Vinyl Acetate	3.733	43	1496719	285.930	ug/l	94
24) 1,1-Dichloroethane	3.617	63	198784	55.198	ug/l	96
25) 2-Butanone	4.574	43	467421	269.202	ug/l	91
26) 2,2-Dichloropropane	4.483	77	146800	49.667	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	119019	53.118	ug/l	95
28) Bromochloromethane	4.910	49	96412	58.879	ug/l	91
29) Tetrahydrofuran	5.019	42	301158	267.774	ug/l	89
30) Chloroform	5.105	83	208559	54.695	ug/l	98
31) Cyclohexane	5.477	56	173373	52.635	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	185865	56.924	ug/l	97
36) 1,1-Dichloropropene	5.702	75	151218	54.759	ug/l	99
37) Ethyl Acetate	4.727	43	182026	53.623	ug/l #	93
38) Carbon Tetrachloride	5.684	117	162577	56.458	ug/l	98
39) Methylcyclohexane	7.385	83	180646	53.725	ug/l	97
40) Benzene	6.050	78	434146	53.167	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	101550	55.185	ug/l	90
42) 1,2-Dichloroethane	6.098	62	179953	56.072	ug/l	93
43) Isopropyl Acetate	6.354	43	290104	54.637	ug/l	92
44) Trichloroethene	7.135	130	116960	51.851	ug/l	97
45) 1,2-Dichloropropane	7.440	63	116055	53.523	ug/l	98
46) Dibromomethane	7.586	93	82910	54.946	ug/l	97
47) Bromodichloromethane	7.830	83	157335	57.637	ug/l	99
48) Methyl methacrylate	7.702	41	146087	56.400	ug/l	85
49) 1,4-Dioxane	7.665	88	59718	1090.887	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	969781	282.549	ug/l	90
52) Toluene	8.726	92	284101	53.692	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	177655	50.368	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	183021	55.332	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	116876	53.652	ug/l	98
56) Ethyl methacrylate	9.122	69	193079	51.843	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	199191	55.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	464684	264.907	ug/l	96
59) 2-Hexanone	9.433	43	785031	297.553	ug/l	86
60) Dibromochloromethane	9.525	129	123619	51.335	ug/l	98
61) 1,2-Dibromoethane	9.616	107	126861	55.125	ug/l	100
64) Tetrachloroethene	9.281	164	114682	50.107	ug/l	97
65) Chlorobenzene	10.085	112	316078	52.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	118300	55.586	ug/l	99
67) Ethyl Benzene	10.195	91	571089	54.692	ug/l	99
68) m/p-Xylenes	10.305	106	439963	110.620	ug/l	98
69) o-Xylene	10.646	106	219149	56.070	ug/l	99
70) Styrene	10.659	104	369565	58.040	ug/l	97
71) Bromoform	10.805	173	93692	54.016	ug/l #	100
73) Isopropylbenzene	10.963	105	581961	51.951	ug/l	99
74) N-amyl acetate	10.848	43	283184	55.939	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	190480	51.885	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	177646m	51.853	ug/l	
77) Bromobenzene	11.201	156	143370	51.963	ug/l	98
78) n-propylbenzene	11.305	91	670470	52.329	ug/l	99
79) 2-Chlorotoluene	11.366	91	413375	53.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	499526	54.263	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	60830	52.229	ug/l	90
82) 4-Chlorotoluene	11.457	91	478686	54.458	ug/l	99
83) tert-Butylbenzene	11.719	119	484465	54.186	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	500756	54.555	ug/l	99
85) sec-Butylbenzene	11.896	105	622153	54.963	ug/l	100
86) p-Isopropyltoluene	12.012	119	519903	55.806	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	266165	53.321	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	263468	52.920	ug/l	99
89) n-Butylbenzene	12.335	91	452152	54.357	ug/l	97
90) Hexachloroethane	12.542	117	85951	52.841	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	254106	52.545	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43237	50.220	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	149652	51.418	ug/l	99
94) Hexachlorobutadiene	13.725	225	68373	52.706	ug/l	99
95) Naphthalene	13.780	128	529959	49.351	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154493	53.298	ug/l	99

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

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