

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082421\
 Data File : VX023919.D
 Acq On : 24 Aug 2021 10:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:53:54 PM

Quant Time: Aug 25 03:54:00 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	212293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	331011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	153894	51.940	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.880%			
35) Dibromofluoromethane	5.397	113	115920	52.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.820%			
50) Toluene-d8	8.653	98	437839	52.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.020%			
62) 4-Bromofluorobenzene	11.085	95	174064	56.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	105331	47.026	ug/l	98
3) Chloromethane	1.295	50	109703	44.616	ug/l	97
4) Vinyl Chloride	1.374	62	109103	45.496	ug/l	98
5) Bromomethane	1.599	94	69495	46.093	ug/l	98
6) Chloroethane	1.679	64	69399	38.972	ug/l	99
7) Trichlorofluoromethane	1.886	101	182863	48.288	ug/l	96
8) Diethyl Ether	2.142	74	64331	48.644	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	104510	49.044	ug/l	96
10) Methyl Iodide	2.453	142	142669	48.083	ug/l	94
11) Tert butyl alcohol	2.983	59	139525	232.853	ug/l	98
12) 1,1-Dichloroethene	2.319	96	95820	47.031	ug/l	93
13) Acrolein	2.239	56	92499	259.410	ug/l	98
14) Allyl chloride	2.666	41	181343	48.298	ug/l	91
15) Acrylonitrile	3.075	53	314688	235.708	ug/l	96
16) Acetone	2.386	43	303614	229.176	ug/l	89
17) Carbon Disulfide	2.514	76	237919	48.962	ug/l	100
18) Methyl Acetate	2.709	43	160277	48.463	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	369827	52.155	ug/l	98
20) Methylene Chloride	2.794	84	114691	45.322	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	103921	47.754	ug/l	92
22) Diisopropyl ether	3.770	45	374448	50.072	ug/l	97
23) Vinyl Acetate	3.727	43	1566286	258.915	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	201839	48.497	ug/l	97
25) 2-Butanone	4.568	43	479081	238.751	ug/l	93
26) 2,2-Dichloropropane	4.483	77	176742	51.742	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	124805	48.197	ug/l	95
28) Bromochloromethane	4.910	49	108319	57.240	ug/l	92
29) Tetrahydrofuran	5.019	42	302534	232.763	ug/l	89
30) Chloroform	5.105	83	214020	48.567	ug/l	99
31) Cyclohexane	5.471	56	180984	47.545	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	191382	50.719	ug/l	97
36) 1,1-Dichloropropene	5.696	75	154603	50.435	ug/l	100
37) Ethyl Acetate	4.721	43	183145	48.604	ug/l #	94
38) Carbon Tetrachloride	5.684	117	167780	52.488	ug/l	98
39) Methylcyclohexane	7.385	83	192767	51.647	ug/l	98
40) Benzene	6.044	78	445597	49.160	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	102344	50.102	ug/l	90
42) 1,2-Dichloroethane	6.092	62	186519	52.357	ug/l	93
43) Isopropyl Acetate	6.348	43	303396	51.476	ug/l	92
44) Trichloroethene	7.129	130	122356	48.865	ug/l	100
45) 1,2-Dichloropropane	7.434	63	119456	49.630	ug/l	97
46) Dibromomethane	7.586	93	85928	51.300	ug/l	98
47) Bromodichloromethane	7.824	83	163443	53.938	ug/l	100
48) Methyl methacrylate	7.696	41	150421	52.316	ug/l	85
49) 1,4-Dioxane	7.665	88	58130	956.609	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	1002509	263.129	ug/l	89
52) Toluene	8.720	92	295005	50.226	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	193817	49.539	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	196781	53.594	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	124885	51.645	ug/l	98
56) Ethyl methacrylate	9.122	69	207191	50.143	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	207949	51.849	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	502379	258.004	ug/l	96
59) 2-Hexanone	9.433	43	776171	265.030	ug/l	86
60) Dibromochloromethane	9.525	129	134996	50.530	ug/l	100
61) 1,2-Dibromoethane	9.616	107	136156	53.299	ug/l	99
64) Tetrachloroethene	9.275	164	124614	49.739	ug/l	95
65) Chlorobenzene	10.079	112	331580	50.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	124545	53.460	ug/l	99
67) Ethyl Benzene	10.195	91	594280	51.991	ug/l	100
68) m/p-Xylenes	10.305	106	457115	104.994	ug/l	98
69) o-Xylene	10.646	106	227380	53.146	ug/l	99
70) Styrene	10.659	104	381464	54.729	ug/l	97
71) Bromoform	10.805	173	99078	52.248	ug/l #	99
73) Isopropylbenzene	10.963	105	605393	50.872	ug/l	100
74) N-amyl acetate	10.848	43	280393	52.137	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	188953	48.449	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	183031m	50.290	ug/l	
77) Bromobenzene	11.201	156	149291	50.935	ug/l	97
78) n-propylbenzene	11.305	91	703796	51.708	ug/l	99
79) 2-Chlorotoluene	11.366	91	424463	51.596	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	508574	52.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	66511	53.756	ug/l	91
82) 4-Chlorotoluene	11.457	91	487622	52.219	ug/l	99
83) tert-Butylbenzene	11.719	119	499306	52.569	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	508408	52.139	ug/l	99
85) sec-Butylbenzene	11.896	105	648783	53.953	ug/l	100
86) p-Isopropyltoluene	12.012	119	540610	54.624	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	271628	51.223	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	272435	51.511	ug/l	99
89) n-Butylbenzene	12.335	91	480360	54.360	ug/l	98
90) Hexachloroethane	12.542	117	89305	51.714	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	256170	49.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41844	45.942	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	162785	52.648	ug/l	97
94) Hexachlorobutadiene	13.725	225	74647	54.166	ug/l	99
95) Naphthalene	13.780	128	542935	47.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163434	53.074	ug/l	99

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

