

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022865.D
 Acq On : 24 Jun 2021 11:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:42 PM

Quant Time: Jun 25 05:37:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60963	45.718	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.440%		
35) Dibromofluoromethane	5.391	113	43866	49.176	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.360%		
50) Toluene-d8	8.653	98	171549	49.071	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.140%		
62) 4-Bromofluorobenzene	11.085	95	63542	48.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	53001	51.125	ug/l	98
3) Chloromethane	1.300	50	53373	46.885	ug/l	98
4) Vinyl Chloride	1.380	62	50887	48.443	ug/l	98
5) Bromomethane	1.599	94	25925	44.799	ug/l	99
6) Chloroethane	1.685	64	30181	46.489	ug/l	98
7) Trichlorofluoromethane	1.886	101	75192	49.274	ug/l	97
8) Diethyl Ether	2.142	74	28225	47.920	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	48062	50.304	ug/l	90
10) Methyl Iodide	2.453	142	50700	44.586	ug/l	95
11) Tert butyl alcohol	2.977	59	62948	226.502	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45929	48.182	ug/l	90
13) Acrolein	2.245	56	36120	208.969	ug/l	98
14) Allyl chloride	2.666	41	88603	48.924	ug/l	94
15) Acrylonitrile	3.075	53	155144	244.202	ug/l	99
16) Acetone	2.392	43	153942	260.405	ug/l	96
17) Carbon Disulfide	2.514	76	113404	44.107	ug/l	99
18) Methyl Acetate	2.715	43	68647	47.185	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	168151	49.190	ug/l	100
20) Methylene Chloride	2.794	84	54333	46.368	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	49499	46.808	ug/l	93
22) Diisopropyl ether	3.769	45	186657	49.550	ug/l	96
23) Vinyl Acetate	3.733	43	814632	257.784	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	96498	47.948	ug/l	98
25) 2-Butanone	4.568	43	233339	253.823	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	79798	52.250	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57821	49.265	ug/l	95
28) Bromochloromethane	4.903	49	46128	48.651	ug/l #	78
29) Tetrahydrofuran	5.019	42	145522	246.101	ug/l	87
30) Chloroform	5.099	83	97156	47.993	ug/l	99
31) Cyclohexane	5.477	56	93049	49.425	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	81799	50.293	ug/l	96
36) 1,1-Dichloropropene	5.696	75	74016	49.608	ug/l	97
37) Ethyl Acetate	4.727	43	85801	49.645	ug/l #	93
38) Carbon Tetrachloride	5.684	117	67179	53.683	ug/l	95
39) Methylcyclohexane	7.385	83	94141	54.091	ug/l	97
40) Benzene	6.043	78	219054	50.916	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46324	48.653	ug/l	93
42) 1,2-Dichloroethane	6.092	62	80848	51.076	ug/l	96
43) Isopropyl Acetate	6.348	43	140628	50.611	ug/l	93
44) Trichloroethene	7.129	130	51194	50.176	ug/l	91
45) 1,2-Dichloropropane	7.433	63	57435	51.758	ug/l	99
46) Dibromomethane	7.586	93	36634	49.760	ug/l #	86
47) Bromodichloromethane	7.830	83	69294	46.537	ug/l	100
48) Methyl methacrylate	7.696	41	66974	52.080	ug/l	87
49) 1,4-Dioxane	7.665	88	28581	1032.454	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	446044	257.929	ug/l	90
52) Toluene	8.720	92	130994	50.367	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80880	46.001	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	90580	48.089	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	53691	51.454	ug/l	98
56) Ethyl methacrylate	9.122	69	90334	47.046	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	95100	50.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	236995	247.589	ug/l	93
59) 2-Hexanone	9.433	43	346798	264.337	ug/l	87
60) Dibromochloromethane	9.525	129	46701	46.007	ug/l	100
61) 1,2-Dibromoethane	9.616	107	52952	49.966	ug/l	98
64) Tetrachloroethene	9.275	164	46043	52.358	ug/l #	87
65) Chlorobenzene	10.079	112	132221	50.173	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	45627	53.575	ug/l	96
67) Ethyl Benzene	10.195	91	255797	52.713	ug/l	98
68) m/p-Xylenes	10.305	106	189135	104.953	ug/l	94
69) o-Xylene	10.646	106	91726	52.298	ug/l	94
70) Styrene	10.659	104	154774	53.165	ug/l	96
71) Bromoform	10.805	173	27691	45.707	ug/l #	98
73) Isopropylbenzene	10.963	105	243912	52.774	ug/l	99
74) N-amyl acetate	10.848	43	125334	48.124	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	79614	50.153	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75729m	52.488	ug/l	
77) Bromobenzene	11.201	156	48167	50.117	ug/l	79
78) n-propylbenzene	11.305	91	301356	53.888	ug/l	96
79) 2-Chlorotoluene	11.366	91	176990	52.419	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	206049	54.294	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24877	47.020	ug/l #	84
82) 4-Chlorotoluene	11.457	91	204109	52.308	ug/l	94
83) tert-Butylbenzene	11.719	119	186239	51.964	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	207309	54.274	ug/l	97
85) sec-Butylbenzene	11.896	105	261959	54.198	ug/l	96
86) p-Isopropyltoluene	12.012	119	208260	54.223	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	97610	52.642	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	97332	50.201	ug/l	96
89) n-Butylbenzene	12.335	91	204719	56.059	ug/l	96
90) Hexachloroethane	12.542	117	33227	47.013	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	94581	52.262	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17026	45.778	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	54661	54.459	ug/l	97
94) Hexachlorobutadiene	13.725	225	22399	56.952	ug/l	96
95) Naphthalene	13.780	128	218224	49.049	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55899	55.291	ug/l	97

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

