

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022429.D
 Acq On : 04 Jun 2021 22:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:51:03 PM

Quant Time: Jun 05 03:24:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	77817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	143669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59968	49.957	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.920%		
35) Dibromofluoromethane	5.397	113	44068	44.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.960%		
50) Toluene-d8	8.653	98	172192	45.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.240%#		
62) 4-Bromofluorobenzene	11.085	95	67205	47.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44541	47.082	ug/l	97
3) Chloromethane	1.294	50	53404	52.334	ug/l	100
4) Vinyl Chloride	1.374	62	55321	51.233	ug/l	100
5) Bromomethane	1.599	94	31577	50.160	ug/l	97
6) Chloroethane	1.678	64	33416	51.973	ug/l	98
7) Trichlorofluoromethane	1.886	101	77165	49.702	ug/l	100
8) Diethyl Ether	2.142	74	32475	48.638	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	43346	47.017	ug/l	92
10) Methyl Iodide	2.453	142	53910	54.413	ug/l	95
11) Tert butyl alcohol	2.983	59	74960	273.027	ug/l	100
12) 1,1-Dichloroethene	2.319	96	46086	51.674	ug/l	95
13) Acrolein	2.245	56	40351	221.597	ug/l	99
14) Allyl chloride	2.666	41	86807	52.993	ug/l	96
15) Acrylonitrile	3.075	53	158543	293.320	ug/l	99
16) Acetone	2.392	43	141276	270.292	ug/l	97
17) Carbon Disulfide	2.514	76	116352	49.810	ug/l	99
18) Methyl Acetate	2.715	43	79443	57.151	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	162674	53.245	ug/l	100
20) Methylene Chloride	2.794	84	57675	49.698	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	52678	54.302	ug/l	99
22) Diisopropyl ether	3.776	45	175687	55.685	ug/l	92
23) Vinyl Acetate	3.733	43	852057	280.490	ug/l	96
24) 1,1-Dichloroethane	3.617	63	101154	54.634	ug/l	97
25) 2-Butanone	4.568	43	245396	290.206	ug/l	92
26) 2,2-Dichloropropane	4.483	77	61306	37.301	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	63064	53.455	ug/l	97
28) Bromochloromethane	4.903	49	45004	50.104	ug/l #	79
29) Tetrahydrofuran	5.019	42	145040	288.185	ug/l	90
30) Chloroform	5.105	83	99496	52.010	ug/l	97
31) Cyclohexane	5.483	56	81279	53.883	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	82799	50.651	ug/l	97
36) 1,1-Dichloropropene	5.702	75	74128	51.315	ug/l	98
37) Ethyl Acetate	4.727	43	95223	53.773	ug/l	94
38) Carbon Tetrachloride	5.684	117	66942	47.372	ug/l	95
39) Methylcyclohexane	7.385	83	77951	47.579	ug/l	97
40) Benzene	6.043	78	231316	52.043	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51995	54.885	ug/l	93
42) 1,2-Dichloroethane	6.098	62	80512	51.704	ug/l	99
43) Isopropyl Acetate	6.354	43	157067	54.226	ug/l #	93
44) Trichloroethene	7.129	130	54041	48.928	ug/l	95
45) 1,2-Dichloropropane	7.440	63	61000	53.800	ug/l	94
46) Dibromomethane	7.586	93	38962	50.651	ug/l #	87
47) Bromodichloromethane	7.830	83	74849	48.626	ug/l	99
48) Methyl methacrylate	7.702	41	73961	55.407	ug/l	91
49) 1,4-Dioxane	7.665	88	27554	1060.193	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	493709	284.553	ug/l	91
52) Toluene	8.720	92	142499	50.625	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	83523	47.008	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	92161	48.246	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	58660	51.335	ug/l	99
56) Ethyl methacrylate	9.122	69	98688	53.437	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	101188	51.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	242343	242.628	ug/l	96
59) 2-Hexanone	9.433	43	378021	289.687	ug/l	90
60) Dibromochloromethane	9.525	129	52292	47.038	ug/l	99
61) 1,2-Dibromoethane	9.616	107	58937	51.802	ug/l	99
64) Tetrachloroethene	9.281	164	45938	48.702	ug/l	94
65) Chlorobenzene	10.085	112	145591	48.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50179	48.285	ug/l	97
67) Ethyl Benzene	10.195	91	273208	49.658	ug/l	99
68) m/p-Xylenes	10.305	106	201640	96.975	ug/l	98
69) o-Xylene	10.646	106	99095	49.001	ug/l	97
70) Styrene	10.659	104	168157	50.758	ug/l	97
71) Bromoform	10.805	173	32150	40.640	ug/l #	99
73) Isopropylbenzene	10.963	105	258211	49.190	ug/l	99
74) N-amyl acetate	10.848	43	143305	57.516	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	93437	53.704	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	83268m	54.422	ug/l	
77) Bromobenzene	11.201	156	54391	48.869	ug/l	86
78) n-propylbenzene	11.305	91	308868	50.236	ug/l	98
79) 2-Chlorotoluene	11.366	91	182156	48.847	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	219097	50.361	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	27506	42.595	ug/l	93
82) 4-Chlorotoluene	11.457	91	212976	49.572	ug/l	96
83) tert-Butylbenzene	11.719	119	201400	48.269	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	218728	49.948	ug/l	99
85) sec-Butylbenzene	11.896	105	256309	48.340	ug/l	98
86) p-Isopropyltoluene	12.012	119	213725	47.725	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	103988	48.458	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	103179	46.516	ug/l	96
89) n-Butylbenzene	12.335	91	201934	48.747	ug/l	97
90) Hexachloroethane	12.542	117	33175	44.824	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	102079	49.524	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20077	53.926	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	58974	47.416	ug/l	97
94) Hexachlorobutadiene	13.731	225	20828	42.904	ug/l	98
95) Naphthalene	13.780	128	256741	52.931	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60371	48.153	ug/l	98

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

