

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022699.D
 Acq On : 15 Jun 2021 15:01
 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
 6/16/2021 5:03:48 PM

Quant Time: Jun 16 05:25:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72467	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	141641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59745	45.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.391	113	44419	49.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.653	98	172474	48.414	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.820%		
62) 4-Bromofluorobenzene	11.085	95	66406	49.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	42043	49.439	ug/l	97
3) Chloromethane	1.295	50	45047	43.838	ug/l	97
4) Vinyl Chloride	1.374	62	45031	44.600	ug/l	98
5) Bromomethane	1.599	94	30643	55.790	ug/l	99
6) Chloroethane	1.679	64	28019	45.830	ug/l	93
7) Trichlorofluoromethane	1.886	101	70044	48.175	ug/l	97
8) Diethyl Ether	2.136	74	27136	46.198	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	43906	49.497	ug/l	90
10) Methyl Iodide	2.453	142	40262	40.482	ug/l	94
11) Tert butyl alcohol	2.977	59	57920	191.938	ug/l	98
12) 1,1-Dichloroethene	2.319	96	41649	47.339	ug/l	90
13) Acrolein	2.240	56	29588	233.974	ug/l	99
14) Allyl chloride	2.666	41	82481	48.492	ug/l	94
15) Acrylonitrile	3.069	53	138483	233.660	ug/l	99
16) Acetone	2.386	43	125601	215.223	ug/l	93
17) Carbon Disulfide	2.514	76	94248	47.605	ug/l	99
18) Methyl Acetate	2.709	43	76877	43.763	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	149345	48.921	ug/l	97
20) Methylene Chloride	2.794	84	53966	47.879	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	47014	48.225	ug/l	90
22) Diisopropyl ether	3.764	45	163970	48.711	ug/l #	86
23) Vinyl Acetate	3.727	43	763947	246.263	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	93618	47.927	ug/l	97
25) 2-Butanone	4.562	43	214157	226.271	ug/l	92
26) 2,2-Dichloropropane	4.483	77	77697	52.155	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57052	48.031	ug/l	95
28) Bromochloromethane	4.904	49	46207	48.921	ug/l #	79
29) Tetrahydrofuran	5.013	42	124615	226.129	ug/l	88
30) Chloroform	5.099	83	93879	48.216	ug/l	96
31) Cyclohexane	5.477	56	72867	46.345	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	77732	47.085	ug/l	96
36) 1,1-Dichloropropene	5.696	75	69216	49.045	ug/l	97
37) Ethyl Acetate	4.721	43	83425	46.509	ug/l #	93
38) Carbon Tetrachloride	5.678	117	63933	52.959	ug/l	97
39) Methylcyclohexane	7.385	83	76679	52.083	ug/l	98
40) Benzene	6.044	78	210238	50.072	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46967	48.860	ug/l	92
42) 1,2-Dichloroethane	6.092	62	77465	50.159	ug/l	96
43) Isopropyl Acetate	6.349	43	141075	49.802	ug/l #	92
44) Trichloroethene	7.129	130	50191	50.922	ug/l	96
45) 1,2-Dichloropropane	7.434	63	56636	49.994	ug/l	97
46) Dibromomethane	7.580	93	37071	48.628	ug/l #	84
47) Bromodichloromethane	7.824	83	71555	48.351	ug/l #	97
48) Methyl methacrylate	7.696	41	68118	50.091	ug/l	88
49) 1,4-Dioxane	7.665	88	21935	847.477	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	443903	246.868	ug/l	90
52) Toluene	8.720	92	131148	50.187	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	81866	46.690	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89384	47.498	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53861	50.373	ug/l	96
56) Ethyl methacrylate	9.116	69	89502	46.448	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	97144	52.239	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	239465	248.427	ug/l	95
59) 2-Hexanone	9.433	43	343064	249.711	ug/l	89
60) Dibromochloromethane	9.525	129	49336	47.168	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54719	51.274	ug/l	100
64) Tetrachloroethene	9.275	164	43616	52.946	ug/l #	89
65) Chlorobenzene	10.080	112	137370	50.597	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47598	48.492	ug/l	98
67) Ethyl Benzene	10.195	91	257578	51.536	ug/l	99
68) m/p-Xylenes	10.305	106	190051	104.980	ug/l	95
69) o-Xylene	10.647	106	93307	53.195	ug/l	97
70) Styrene	10.659	104	158671	49.010	ug/l	96
71) Bromoform	10.799	173	29578	46.282	ug/l #	99
73) Isopropylbenzene	10.964	105	250428	53.314	ug/l	99
74) N-amyl acetate	10.848	43	128381	50.820	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	86231	51.612	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78656m	51.858	ug/l	
77) Bromobenzene	11.201	156	51154	50.978	ug/l	83
78) n-propylbenzene	11.305	91	304439	53.659	ug/l	97
79) 2-Chlorotoluene	11.366	91	176367	51.372	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	209819	53.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	27114	46.720	ug/l	93
82) 4-Chlorotoluene	11.457	91	205977	52.428	ug/l	96
83) tert-Butylbenzene	11.720	119	194541	52.938	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	213634	53.829	ug/l	99
85) sec-Butylbenzene	11.896	105	260916	54.359	ug/l	98
86) p-Isopropyltoluene	12.012	119	216464	54.628	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	99877	52.440	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	101487	51.763	ug/l	96
89) n-Butylbenzene	12.335	91	216596	57.094	ug/l	96
90) Hexachloroethane	12.543	117	32419	49.282	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	98213	52.921	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17973	45.954	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	59666	53.590	ug/l	97
94) Hexachlorobutadiene	13.725	225	20800	52.095	ug/l	96
95) Naphthalene	13.780	128	235989	48.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59145	54.491	ug/l	97

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

