

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024221.D
 Acq On : 14 Sep 2021 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:14 PM

Quant Time: Sep 22 07:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	177701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	284772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	271903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	137529	54.274	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.540%			
35) Dibromofluoromethane	5.397	113	100606	52.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	8.653	98	378248	54.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.740%			
62) 4-Bromofluorobenzene	11.085	95	151376	55.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	85056	49.793	ug/l	99
3) Chloromethane	1.294	50	89027	49.908	ug/l	99
4) Vinyl Chloride	1.374	62	90225	50.823	ug/l	98
5) Bromomethane	1.599	94	55333	52.356	ug/l	99
6) Chloroethane	1.679	64	58579	49.956	ug/l	99
7) Trichlorofluoromethane	1.886	101	154791	51.979	ug/l	98
8) Diethyl Ether	2.142	74	53981	52.386	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	87320	49.913	ug/l	94
10) Methyl Iodide	2.453	142	121332	50.130	ug/l	93
11) Tert butyl alcohol	2.983	59	136710	256.154	ug/l	99
12) 1,1-Dichloroethene	2.319	96	85923	52.441	ug/l	94
13) Acrolein	2.245	56	38989	233.454	ug/l	97
14) Allyl chloride	2.666	41	156099	52.423	ug/l	90
15) Acrylonitrile	3.075	53	271565	262.020	ug/l	97
16) Acetone	2.392	43	253623	234.735	ug/l	90
17) Carbon Disulfide	2.514	76	211035	51.396	ug/l	98
18) Methyl Acetate	2.715	43	176272	52.037	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	318445	52.884	ug/l	100
20) Methylene Chloride	2.794	84	99671	48.039	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	92738	51.701	ug/l	96
22) Diisopropyl ether	3.770	45	316870	54.180	ug/l	91
23) Vinyl Acetate	3.733	43	1299332	273.621	ug/l	94
24) 1,1-Dichloroethane	3.617	63	179555	52.321	ug/l	98
25) 2-Butanone	4.568	43	406957	255.724	ug/l	93
26) 2,2-Dichloropropane	4.483	77	135765	45.167	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	109653	52.932	ug/l	96
28) Bromochloromethane	4.910	49	71342	51.021	ug/l	94
29) Tetrahydrofuran	5.019	42	265992	267.042	ug/l	90
30) Chloroform	5.105	83	193173	52.932	ug/l	98
31) Cyclohexane	5.477	56	157463	53.125	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	177016	54.197	ug/l	99
36) 1,1-Dichloropropene	5.702	75	136039	51.959	ug/l	99
37) Ethyl Acetate	4.727	43	155182	50.866	ug/l	95
38) Carbon Tetrachloride	5.684	117	155377	52.726	ug/l	98
39) Methylcyclohexane	7.385	83	164649	52.672	ug/l	98
40) Benzene	6.050	78	395154	52.622	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024221.D
 Acq On : 14 Sep 2021 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:14 PM

Quant Time: Sep 22 07:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	85131	52.326	ug/l	91
42) 1,2-Dichloroethane	6.092	62	165279	52.782	ug/l	94
43) Isopropyl Acetate	6.354	43	253460	52.192	ug/l	93
44) Trichloroethene	7.135	130	109984	52.128	ug/l	95
45) 1,2-Dichloropropane	7.440	63	104382	52.666	ug/l	98
46) Dibromomethane	7.586	93	76316	52.604	ug/l	97
47) Bromodichloromethane	7.830	83	146185	54.190	ug/l	99
48) Methyl methacrylate	7.702	41	126598	52.247	ug/l	87
49) 1,4-Dioxane	7.665	88	55726	1098.351	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	851650	275.206	ug/l	91
52) Toluene	8.726	92	262217	53.278	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	161923	52.929	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	167810	53.006	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	108463	51.746	ug/l	97
56) Ethyl methacrylate	9.122	69	173509	49.601	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	180473	52.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	403180	265.797	ug/l	97
59) 2-Hexanone	9.433	43	678084	281.211	ug/l	88
60) Dibromochloromethane	9.525	129	115543	48.655	ug/l	100
61) 1,2-Dibromoethane	9.616	107	117497	52.608	ug/l	98
64) Tetrachloroethene	9.281	164	109726	52.092	ug/l	95
65) Chlorobenzene	10.086	112	292849	52.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	110044	53.079	ug/l	99
67) Ethyl Benzene	10.195	91	528018	53.959	ug/l	100
68) m/p-Xylenes	10.305	106	406194	108.423	ug/l	98
69) o-Xylene	10.646	106	201150	53.788	ug/l	98
70) Styrene	10.659	104	339231	55.917	ug/l	97
71) Bromoform	10.805	173	87822	50.750	ug/l	100
73) Isopropylbenzene	10.963	105	534132	52.683	ug/l	100
74) N-amyl acetate	10.848	43	237585	55.666	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	170287	51.917	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	161018m	51.434	ug/l	
77) Bromobenzene	11.201	156	132587	52.034	ug/l	97
78) n-propylbenzene	11.305	91	615083	53.703	ug/l	99
79) 2-Chlorotoluene	11.366	91	377656	53.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	456046	53.363	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	54348	51.057	ug/l	90
82) 4-Chlorotoluene	11.457	91	434744	53.708	ug/l	99
83) tert-Butylbenzene	11.719	119	442780	53.680	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	452959	53.881	ug/l	100
85) sec-Butylbenzene	11.896	105	558593	54.051	ug/l	99
86) p-Isopropyltoluene	12.012	119	468587	54.016	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	242808	53.199	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	238778	51.254	ug/l	98
89) n-Butylbenzene	12.335	91	403860	53.805	ug/l	97
90) Hexachloroethane	12.542	117	78581	56.223	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	234797	52.437	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39017	51.850	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	139315	52.797	ug/l	99
94) Hexachlorobutadiene	13.725	225	64103	48.649	ug/l	100
95) Naphthalene	13.780	128	477018	49.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	142655	53.636	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024221.D
 Acq On : 14 Sep 2021 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
 9/22/2021 7:38:14 PM

Quant Time: Sep 22 07:38:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

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

