

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024632.D
 Acq On : 06 Oct 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:45 PM

Quant Time: Oct 07 07:49:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	212575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95012	49.400	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.800%		
35) Dibromofluoromethane	5.391	113	69681	47.131	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	8.653	98	260401	47.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.085	95	103138	48.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63839	46.490	ug/l	98
3) Chloromethane	1.294	50	59166	45.710	ug/l	100
4) Vinyl Chloride	1.374	62	63057	46.572	ug/l	100
5) Bromomethane	1.599	94	56169	61.638	ug/l	99
6) Chloroethane	1.678	64	39116	43.410	ug/l	97
7) Trichlorofluoromethane	1.880	101	106454	44.554	ug/l	97
8) Diethyl Ether	2.136	74	36800	45.249	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	62508	46.393	ug/l	95
10) Methyl Iodide	2.453	142	84746	44.953	ug/l	92
11) Tert butyl alcohol	2.977	59	105983	236.246	ug/l	98
12) 1,1-Dichloroethene	2.319	96	58074	46.423	ug/l	92
13) Acrolein	2.239	56	47083	444.469	ug/l	98
14) Allyl chloride	2.666	41	113230	49.509	ug/l	90
15) Acrylonitrile	3.068	53	225415	257.980	ug/l	97
16) Acetone	2.386	43	211989	261.706	ug/l	90
17) Carbon Disulfide	2.514	76	122694	38.102	ug/l	100
18) Methyl Acetate	2.709	43	147504	51.216	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	246532	52.292	ug/l	100
20) Methylene Chloride	2.794	84	73660	51.213	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	67102	47.237	ug/l	95
22) Diisopropyl ether	3.769	45	244228	52.266	ug/l	97
23) Vinyl Acetate	3.727	43	995429	263.072	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	135851	52.363	ug/l	97
25) 2-Butanone	4.568	43	340914	257.378	ug/l	93
26) 2,2-Dichloropropane	4.483	77	103174	44.208	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	83814	50.481	ug/l	98
28) Bromochloromethane	4.903	49	61351	52.091	ug/l	96
29) Tetrahydrofuran	5.019	42	221257	262.153	ug/l	90
30) Chloroform	5.099	83	146301	51.059	ug/l	100
31) Cyclohexane	5.476	56	110785	48.103	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	130833	51.431	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100441	47.078	ug/l	100
37) Ethyl Acetate	4.727	43	127628	47.914	ug/l	94
38) Carbon Tetrachloride	5.684	117	110477	47.570	ug/l	98
39) Methylcyclohexane	7.385	83	114473	45.823	ug/l	97
40) Benzene	6.043	78	298192	48.878	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024632.D
 Acq On : 06 Oct 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:45 PM

Quant Time: Oct 07 07:49:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	68802	50.016	ug/l	92
42) 1,2-Dichloroethane	6.098	62	126900	49.530	ug/l	94
43) Isopropyl Acetate	6.348	43	200606	49.537	ug/l	93
44) Trichloroethene	7.129	130	80371	47.881	ug/l	100
45) 1,2-Dichloropropane	7.440	63	78500	49.875	ug/l	100
46) Dibromomethane	7.586	93	56636	47.987	ug/l	98
47) Bromodichloromethane	7.830	83	106325	49.155	ug/l	99
48) Methyl methacrylate	7.696	41	99623	49.682	ug/l	87
49) 1,4-Dioxane	7.665	88	44138	961.013	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	686304	256.712	ug/l	91
52) Toluene	8.720	92	196652	49.900	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	120220	49.036	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	124203	49.824	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	83396	51.178	ug/l	97
56) Ethyl methacrylate	9.122	69	131873	50.846	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	140328	51.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	343671	268.447	ug/l	98
59) 2-Hexanone	9.433	43	544357	258.554	ug/l	88
60) Dibromochloromethane	9.525	129	82724	44.865	ug/l	98
61) 1,2-Dibromoethane	9.616	107	90017	50.319	ug/l	99
64) Tetrachloroethene	9.275	164	72446	49.242	ug/l	93
65) Chlorobenzene	10.085	112	215868	48.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	81511	49.388	ug/l	99
67) Ethyl Benzene	10.195	91	386332	49.283	ug/l	100
68) m/p-Xylenes	10.305	106	302303	100.566	ug/l	98
69) o-Xylene	10.646	106	150282	50.557	ug/l	99
70) Styrene	10.659	104	250453	50.388	ug/l	97
71) Bromoform	10.805	173	60040	42.127	ug/l #	98
73) Isopropylbenzene	10.963	105	397976	50.414	ug/l	99
74) N-amyl acetate	10.848	43	177362	48.846	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	137831	49.371	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	128364m	50.620	ug/l	
77) Bromobenzene	11.201	156	97142	47.822	ug/l	98
78) n-propylbenzene	11.305	91	461266	49.984	ug/l	100
79) 2-Chlorotoluene	11.366	91	278707	49.579	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	345993	51.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	40713	44.474	ug/l	90
82) 4-Chlorotoluene	11.457	91	327452	49.508	ug/l	99
83) tert-Butylbenzene	11.719	119	338840	50.117	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	343610	51.244	ug/l	99
85) sec-Butylbenzene	11.896	105	424502	51.035	ug/l	99
86) p-Isopropyltoluene	12.012	119	361400	50.954	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	186032	48.089	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	189217	47.350	ug/l	99
89) n-Butylbenzene	12.335	91	309860	49.338	ug/l	98
90) Hexachloroethane	12.542	117	54533	46.757	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	189739	49.613	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32836	48.713	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	118810	48.794	ug/l	98
94) Hexachlorobutadiene	13.725	225	49689	44.610	ug/l	98
95) Naphthalene	13.780	128	422876	54.260	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121622	48.744	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
Data File : VX024632.D
Acq On : 06 Oct 2021 20:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/7/2021 5:33:45 PM

Quant Time: Oct 07 07:49:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

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

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

