

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022602.D
 Acq On : 09 Jun 2021 07:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:21:04 PM

Quant Time: Jun 09 07:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	63889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	135772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	125938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56989	50.176	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.391	113	41073	48.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.700%			
50) Toluene-d8	8.652	98	164192	48.442	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.880%			
62) 4-Bromofluorobenzene	11.085	95	61228	48.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	42442	56.964	ug/l	100
3) Chloromethane	1.294	50	47938	53.273	ug/l	99
4) Vinyl Chloride	1.373	62	45328	51.609	ug/l	98
5) Bromomethane	1.599	94	23987	51.981	ug/l	90
6) Chloroethane	1.678	64	28894	52.245	ug/l	95
7) Trichlorofluoromethane	1.879	101	68615	53.642	ug/l	97
8) Diethyl Ether	2.141	74	28512	54.675	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.324	101	40885	52.133	ug/l	90
10) Methyl Iodide	2.452	142	45332	49.106	ug/l	93
11) Tert butyl alcohol	2.983	59	72670	285.251	ug/l	100
12) 1,1-Dichloroethene	2.318	96	40946	50.542	ug/l	96
13) Acrolein	2.245	56	30223	248.667	ug/l	97
14) Allyl chloride	2.666	41	78702	52.980	ug/l	94
15) Acrylonitrile	3.074	53	151090	284.474	ug/l	98
16) Acetone	2.391	43	139466	273.271	ug/l	98
17) Carbon Disulfide	2.513	76	90352	44.942	ug/l	99
18) Methyl Acetate	2.715	43	80238	57.009	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	148087	54.823	ug/l	99
20) Methylene Chloride	2.794	84	53084	49.818	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	46713	51.198	ug/l	97
22) Diisopropyl ether	3.775	45	161325	54.135	ug/l	93
23) Vinyl Acetate	3.733	43	776499	276.893	ug/l	95
24) 1,1-Dichloroethane	3.617	63	92358	54.449	ug/l	99
25) 2-Butanone	4.568	43	236030	279.836	ug/l	91
26) 2,2-Dichloropropane	4.483	77	39415	30.322	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	56868	53.089	ug/l	98
28) Bromochloromethane	4.909	49	43077	50.240	ug/l #	79
29) Tetrahydrofuran	5.019	42	137505	277.796	ug/l	89
30) Chloroform	5.104	83	91401	53.652	ug/l	99
31) Cyclohexane	5.476	56	71991	53.583	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	75894	56.166	ug/l	97
36) 1,1-Dichloropropene	5.702	75	68033	51.797	ug/l	96
37) Ethyl Acetate	4.726	43	89450	53.095	ug/l #	93
38) Carbon Tetrachloride	5.684	117	60042	48.510	ug/l	97
39) Methylcyclohexane	7.384	83	69938	47.653	ug/l	95
40) Benzene	6.043	78	210138	51.841	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022602.D
 Acq On : 09 Jun 2021 07:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:21:04 PM

Quant Time: Jun 09 07:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48370	52.181	ug/l	93
42) 1,2-Dichloroethane	6.098	62	77393	51.795	ug/l	97
43) Isopropyl Acetate	6.354	43	143988	52.688	ug/l #	93
44) Trichloroethene	7.128	130	47478	49.643	ug/l	92
45) 1,2-Dichloropropane	7.439	63	55732	53.451	ug/l	98
46) Dibromomethane	7.586	93	36157	50.875	ug/l #	85
47) Bromodichloromethane	7.829	83	67177	48.182	ug/l #	99
48) Methyl methacrylate	7.701	41	69457	54.619	ug/l	89
49) 1,4-Dioxane	7.665	88	27145	1055.468	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	464306	272.720	ug/l	91
52) Toluene	8.726	92	129261	50.775	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	71137	42.782	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	79312	44.560	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	53493	53.913	ug/l	98
56) Ethyl methacrylate	9.122	69	90810	49.315	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	96013	53.545	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	233679	243.632	ug/l	95
59) 2-Hexanone	9.433	43	360576	277.236	ug/l	90
60) Dibromochloromethane	9.524	129	45699	46.395	ug/l	98
61) 1,2-Dibromoethane	9.616	107	54819	52.410	ug/l	98
64) Tetrachloroethene	9.274	164	39099	46.375	ug/l #	88
65) Chlorobenzene	10.085	112	134846	51.528	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.171	131	46127	49.481	ug/l	97
67) Ethyl Benzene	10.195	91	248756	51.659	ug/l	98
68) m/p-Xylenes	10.305	106	183893	105.069	ug/l	97
69) o-Xylene	10.646	106	91522	53.481	ug/l	98
70) Styrene	10.658	104	154671	53.459	ug/l	97
71) Bromoform	10.805	173	27832	45.854	ug/l #	98
73) Isopropylbenzene	10.963	105	236980	52.127	ug/l	98
74) N-amyl acetate	10.847	43	132093	54.153	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	87958	53.750	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	75572m	52.297	ug/l	
77) Bromobenzene	11.201	156	49214	50.244	ug/l	83
78) n-propylbenzene	11.304	91	282229	51.150	ug/l	97
79) 2-Chlorotoluene	11.365	91	170126	51.812	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	198704	51.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21646	39.400	ug/l	90
82) 4-Chlorotoluene	11.457	91	196986	51.830	ug/l	95
83) tert-Butylbenzene	11.719	119	184874	53.429	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	202098	51.732	ug/l	98
85) sec-Butylbenzene	11.896	105	239189	51.944	ug/l	97
86) p-Isopropyltoluene	12.012	119	196452	51.618	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	96620	50.797	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	97454	49.180	ug/l	96
89) n-Butylbenzene	12.335	91	182711	50.000	ug/l	98
90) Hexachloroethane	12.542	117	29579	47.432	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	94930	52.585	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17834	48.309	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	53552	49.341	ug/l	97
94) Hexachlorobutadiene	13.725	225	18812	48.363	ug/l	97
95) Naphthalene	13.780	128	237200	54.513	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55849	51.487	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022602.D
Acq On : 09 Jun 2021 07:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/9/2021 4:21:04 PM

Quant Time: Jun 09 07:22:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

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

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

