

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021669.D
 Acq On : 31 Mar 2021 07:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 12:56:17 PM

Quant Time: Mar 31 07:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	70068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	116430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58406	50.10	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.20%
35) Dibromofluoromethane	5.470	113	40555	49.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.08%
50) Toluene-d8	8.694	98	147713	50.12	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.24%
62) 4-Bromofluorobenzene	11.118	95	54545	47.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.20%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	34820	45.21	ug/l	98
3) Chloromethane	1.311	50	41776	47.19	ug/l	99
4) Vinyl Chloride	1.393	62	38714	49.15	ug/l	98
5) Bromomethane	1.623	94	17108	53.96	ug/l	97
6) Chloroethane	1.705	64	24462	48.96	ug/l	98
7) Trichlorofluoromethane	1.911	101	65902	51.44	ug/l	98
8) Diethyl Ether	2.170	74	22974	51.67	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.358	101	35922	49.81	ug/l	95
10) Methyl Iodide	2.487	142	32420	56.56	ug/l #	90
11) Tert butyl alcohol	3.023	59	45442	235.77	ug/l	96
12) 1,1-Dichloroethene	2.352	96	33808	47.88	ug/l	88
13) Acrolein	2.276	56	24603	253.02	ug/l	100
14) Allyl chloride	2.705	41	66172	46.17	ug/l #	88
15) Acrylonitrile	3.117	53	116569	254.49	ug/l	98
16) Acetone	2.423	43	111886	253.82	ug/l #	87
17) Carbon Disulfide	2.546	76	82380	41.55	ug/l	100
18) Methyl Acetate	2.752	43	72834	57.19	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	135066	51.22	ug/l	98
20) Methylene Chloride	2.835	84	41991	48.82	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	38714	49.91	ug/l	90
22) Diisopropyl ether	3.829	45	145771	52.35	ug/l	91
23) Vinyl Acetate	3.788	43	592024	251.35	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	76228	50.78	ug/l	97
25) 2-Butanone	4.635	43	167448	250.59	ug/l	92
26) 2,2-Dichloropropane	4.547	77	41785	32.13	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	45570	50.60	ug/l	96
28) Bromochloromethane	4.982	49	36692	48.82	ug/l	85
29) Tetrahydrofuran	5.088	42	109393	252.50	ug/l #	86
30) Chloroform	5.176	83	82951	52.35	ug/l	98
31) Cyclohexane	5.547	56	60965	47.56	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	72676	51.76	ug/l	95
36) 1,1-Dichloropropene	5.770	75	56089	49.17	ug/l	97
37) Ethyl Acetate	4.794	43	62768	47.58	ug/l #	93
38) Carbon Tetrachloride	5.753	117	63210	51.56	ug/l	94
39) Methylcyclohexane	7.441	83	57424	45.40	ug/l	93
40) Benzene	6.111	78	166443	51.38	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021669.D
 Acq On : 31 Mar 2021 07:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 12:56:17 PM

Quant Time: Mar 31 07:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	37661	49.23	ug/l	90
42) 1,2-Dichloroethane	6.159	62	72209	51.41	ug/l	94
43) Isopropyl Acetate	6.412	43	106244	49.60	ug/l #	91
44) Trichloroethene	7.188	130	45402	53.11	ug/l	94
45) 1,2-Dichloropropane	7.488	63	45864	52.26	ug/l	99
46) Dibromomethane	7.635	93	32332	50.55	ug/l	93
47) Bromodichloromethane	7.876	83	68398	52.55	ug/l	100
48) Methyl methacrylate	7.747	41	57471	50.30	ug/l #	83
49) 1,4-Dioxane	7.712	88	20680	1011.00	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	347022	263.41	ug/l	88
52) Toluene	8.765	92	103106	51.53	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	62904	47.86	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	68107	48.69	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	43837	51.91	ug/l	97
56) Ethyl methacrylate	9.159	69	64906	45.69	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	74522	51.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	183731	257.43	ug/l	95
59) 2-Hexanone	9.471	43	258086	260.89	ug/l	85
60) Dibromochloromethane	9.565	129	50706	53.61	ug/l	99
61) 1,2-Dibromoethane	9.653	107	46217	50.94	ug/l	100
64) Tetrachloroethene	9.318	164	41203	56.46	ug/l	94
65) Chlorobenzene	10.118	112	110516	50.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	44671	53.27	ug/l	99
67) Ethyl Benzene	10.236	91	200463	50.25	ug/l	99
68) m/p-Xylenes	10.341	106	146247	102.90	ug/l	93
69) o-Xylene	10.683	106	71168	51.70	ug/l	94
70) Styrene	10.694	104	122041	51.55	ug/l	95
71) Bromoform	10.842	173	36258	53.20	ug/l #	98
73) Isopropylbenzene	11.000	105	194054	50.75	ug/l	98
74) N-amyl acetate	10.877	43	91184	49.29	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	67179	49.73	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	64548m	50.95	ug/l	
77) Bromobenzene	11.236	156	48513	51.18	ug/l	97
78) n-propylbenzene	11.342	91	224044	49.62	ug/l	98
79) 2-Chlorotoluene	11.406	91	138677	50.63	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	168222	51.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	17461	41.98	ug/l #	84
82) 4-Chlorotoluene	11.495	91	164257	50.51	ug/l	97
83) tert-Butylbenzene	11.753	119	157430	49.50	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	169957	51.61	ug/l	98
85) sec-Butylbenzene	11.930	105	184289	50.23	ug/l	99
86) p-Isopropyltoluene	12.048	119	169529	50.77	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	85188	49.91	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	89239	50.54	ug/l	99
89) n-Butylbenzene	12.371	91	144961	47.38	ug/l	97
90) Hexachloroethane	12.577	117	29220	48.48	ug/l	93
91) 1,2-Dichlorobenzene	12.371	146	86144	51.91	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15871	46.75	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	53205	48.92	ug/l	99
94) Hexachlorobutadiene	13.765	225	20732	42.23	ug/l	96
95) Naphthalene	13.818	128	181498	51.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	55122	50.70	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021669.D
Acq On : 31 Mar 2021 07:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/31/2021 12:56:17 PM

Quant Time: Mar 31 07:39:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

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

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

