

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016690.D
 Acq On : 10 Jun 2020 21:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:21 PM

Quant Time: Jun 11 03:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	329789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	125927	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
35) Dibromofluoromethane	5.46	113	101828	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
50) Toluene-d8	8.70	98	383050	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	151729	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	90112	41.590	ug/l	96
3) Chloromethane	1.31	50	95888	36.622	ug/l	99
4) Vinyl Chloride	1.39	62	113541	41.005	ug/l	100
5) Bromomethane	1.62	94	61193	45.452	ug/l	99
6) Chloroethane	1.70	64	71866	44.493	ug/l	100
7) Trichlorofluoromethane	1.91	101	181837	50.004	ug/l	98
8) Diethyl Ether	2.17	74	68464	45.151	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	96004	47.969	ug/l	97
10) Methyl Iodide	2.49	142	96440	40.923	ug/l	100
11) Tert butyl alcohol	3.02	59	151329	215.837	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96348	45.480	ug/l	93
13) Acrolein	2.27	56	66463	222.843	ug/l	98
14) Allyl chloride	2.70	41	159679	40.985	ug/l	96
15) Acrylonitrile	3.12	53	321176	223.627	ug/l	100
16) Acetone	2.42	43	267071	222.948	ug/l	98
17) Carbon Disulfide	2.55	76	248927	39.568	ug/l	100
18) Methyl Acetate	2.75	43	143137	46.588	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	363229	47.748	ug/l	97
20) Methylene Chloride	2.83	84	112676	45.463	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	106749	45.556	ug/l	93
22) Diisopropyl ether	3.82	45	319272	42.659	ug/l	95
23) Vinyl Acetate	3.78	43	1394896	212.927	ug/l	96
24) 1,1-Dichloroethane	3.67	63	192223	45.504	ug/l	99
25) 2-Butanone	4.64	43	429201	211.450	ug/l	96
26) 2,2-Dichloropropane	4.55	77	154405	44.669	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	124232	45.828	ug/l	96
28) Bromochloromethane	4.98	49	79305	40.399	ug/l	84
29) Tetrahydrofuran	5.09	42	272693	207.948	ug/l	92
30) Chloroform	5.18	83	206124	48.427	ug/l	99
31) Cyclohexane	5.55	56	150388	39.573	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	188787	48.991	ug/l	98
36) 1,1-Dichloropropene	5.77	75	144014	46.122	ug/l	97
37) Ethyl Acetate	4.79	43	159623	42.580	ug/l	97
38) Carbon Tetrachloride	5.75	117	169762	51.735	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016690.D
 Acq On : 10 Jun 2020 21:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:21 PM

Quant Time: Jun 11 03:54:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	152281	44.900	ug/l	98
40) Benzene	6.11	78	440039	47.323	ug/l	99
41) Methacrylonitrile	5.01	41	86859	42.182	ug/l	95
42) 1,2-Dichloroethane	6.16	62	161441	48.821	ug/l	100
43) Isopropyl Acetate	6.41	43	252476	43.177	ug/l	97
44) Trichloroethene	7.19	130	140143	47.502	ug/l	97
45) 1,2-Dichloropropane	7.49	63	109968	46.455	ug/l	95
46) Dibromomethane	7.64	93	78154	49.154	ug/l	95
47) Bromodichloromethane	7.88	83	165986	50.418	ug/l	100
48) Methyl methacrylate	7.74	41	123404	44.076	ug/l	95
49) 1,4-Dioxane	7.71	88	59034	900.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	828555	227.564	ug/l	98
52) Toluene	8.76	92	284581	48.533	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	183367	48.982	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	191364	48.295	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	120415	51.650	ug/l	94
56) Ethyl methacrylate	9.16	69	181650	47.841	ug/l	97
57) 1,3-Dichloropropane	9.35	76	197790	49.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	459215	231.710	ug/l	94
59) 2-Hexanone	9.48	43	638587	225.535	ug/l	97
60) Dibromochloromethane	9.57	129	141993	54.121	ug/l	99
61) 1,2-Dibromoethane	9.65	107	127070	50.898	ug/l	100
64) Tetrachloroethene	9.32	164	163557	46.181	ug/l	99
65) Chlorobenzene	10.12	112	317382	49.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	126662	51.413	ug/l	99
67) Ethyl Benzene	10.24	91	544591	47.394	ug/l	100
68) m/p-Xylenes	10.34	106	415968	97.636	ug/l	99
69) o-Xylene	10.68	106	202206	49.008	ug/l	96
70) Styrene	10.70	104	359355	50.671	ug/l	99
71) Bromoform	10.84	173	112805	54.179	ug/l #	98
73) Isopropylbenzene	11.00	105	542137	46.162	ug/l	100
74) N-amyl acetate	10.88	43	216365	40.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	146708	49.844	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	169415m	45.472	ug/l	
77) Bromobenzene	11.24	156	145539	47.248	ug/l	94
78) n-propylbenzene	11.34	91	592215	45.135	ug/l	99
79) 2-Chlorotoluene	11.40	91	368723	46.039	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	461959	47.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	62680	41.384	ug/l	99
82) 4-Chlorotoluene	11.49	91	435150	46.010	ug/l	99
83) tert-Butylbenzene	11.76	119	406971	48.570	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	468677	47.259	ug/l	100
85) sec-Butylbenzene	11.93	105	493365	46.937	ug/l	100
86) p-Isopropyltoluene	12.05	119	480258	48.776	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	248684	46.600	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	254946	46.711	ug/l	99
89) n-Butylbenzene	12.37	91	383213	46.726	ug/l	98
90) Hexachloroethane	12.58	117	83053	48.834	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	250323	48.416	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42863	44.959	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
Data File : VX016690.D
Acq On : 10 Jun 2020 21:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:21 PM

Quant Time: Jun 11 03:54:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	169685	49.416	ug/l	100
94) Hexachlorobutadiene	13.76	225	70777	52.498	ug/l	99
95) Naphthalene	13.82	128	569019	48.339	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	171781	51.063	ug/l	97

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

