

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016872.D
 Acq On : 19 Jun 2020 12:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:48:02 AM

Quant Time: Jun 22 02:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	246675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223645	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	133128	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	
35) Dibromofluoromethane	5.46	113	109866	40.57	ug/l	0.00
Spiked Amount			Recovery	=	81.14%	
50) Toluene-d8	8.70	98	426730	39.38	ug/l	0.00
Spiked Amount			Recovery	=	78.76%	
62) 4-Bromofluorobenzene	11.12	95	168788	40.66	ug/l	0.00
Spiked Amount			Recovery	=	81.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	191855	63.376	ug/l	98
3) Chloromethane	1.31	50	178528	58.161	ug/l	99
4) Vinyl Chloride	1.39	62	188264	54.418	ug/l	99
5) Bromomethane	1.62	94	110565	53.078	ug/l	96
6) Chloroethane	1.71	64	110738	51.972	ug/l	100
7) Trichlorofluoromethane	1.92	101	260239	53.771	ug/l	98
8) Diethyl Ether	2.17	74	97970	52.065	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146736	56.921	ug/l	97
10) Methyl Iodide	2.49	142	153863	62.695	ug/l	99
11) Tert butyl alcohol	3.01	59	126879	252.986	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143904	54.591	ug/l	97
13) Acrolein	2.27	56	92931	305.622	ug/l	99
14) Allyl chloride	2.70	41	205437	58.918	ug/l	98
15) Acrylonitrile	3.11	53	292934	254.882	ug/l	99
16) Acetone	2.42	43	310576	288.381	ug/l	100
17) Carbon Disulfide	2.55	76	379088	55.646	ug/l	99
18) Methyl Acetate	2.75	43	156954	57.312	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	393489	52.379	ug/l	99
20) Methylene Chloride	2.83	84	128555	49.776	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	125502	50.436	ug/l	97
22) Diisopropyl ether	3.82	45	348692	52.195	ug/l	96
23) Vinyl Acetate	3.78	43	1444176	262.161	ug/l	100
24) 1,1-Dichloroethane	3.67	63	212560	50.937	ug/l	99
25) 2-Butanone	4.63	43	383410	258.679	ug/l	98
26) 2,2-Dichloropropane	4.55	77	205711	52.617	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	140464	50.224	ug/l	99
28) Bromochloromethane	4.98	49	91330	52.731	ug/l	97
29) Tetrahydrofuran	5.08	42	239458	256.524	ug/l	100
30) Chloroform	5.17	83	224748	51.014	ug/l	98
31) Cyclohexane	5.54	56	189619	51.685	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	212597	50.986	ug/l	100
36) 1,1-Dichloropropene	5.76	75	171640	43.910	ug/l	98
37) Ethyl Acetate	4.79	43	149353	43.244	ug/l	100
38) Carbon Tetrachloride	5.75	117	192547	43.901	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016872.D
 Acq On : 19 Jun 2020 12:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:48:02 AM

Quant Time: Jun 22 02:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234957	51.695	ug/l	97
40) Benzene	6.11	78	498152	42.472	ug/l	100
41) Methacrylonitrile	4.99	41	88425	47.160	ug/l	99
42) 1,2-Dichloroethane	6.16	62	174314	41.765	ug/l	100
43) Isopropyl Acetate	6.41	43	327266	54.262	ug/l	99
44) Trichloroethene	7.18	130	178082	49.577	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129365	43.875	ug/l	97
46) Dibromomethane	7.63	93	85651	42.835	ug/l	99
47) Bromodichloromethane	7.87	83	183054	43.044	ug/l	100
48) Methyl methacrylate	7.74	41	122311	43.067	ug/l	98
49) 1,4-Dioxane	7.71	88	60015	944.015	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	750264	206.825	ug/l	100
52) Toluene	8.76	92	365270	46.945	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209703	44.854	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	220678	44.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	128049	43.588	ug/l	98
56) Ethyl methacrylate	9.16	69	192853	45.347	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213119	42.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	466396	235.688	ug/l	100
59) 2-Hexanone	9.47	43	573734	218.404	ug/l	99
60) Dibromochloromethane	9.57	129	153989	43.695	ug/l	100
61) 1,2-Dibromoethane	9.65	107	139065	43.620	ug/l	100
64) Tetrachloroethene	9.32	164	175674	55.740	ug/l	97
65) Chlorobenzene	10.12	112	363107	52.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142751	53.443	ug/l	99
67) Ethyl Benzene	10.24	91	631429	54.300	ug/l	99
68) m/p-Xylenes	10.34	106	489427	108.160	ug/l	100
69) o-Xylene	10.68	106	233538	55.816	ug/l	98
70) Styrene	10.70	104	416678	58.611	ug/l	99
71) Bromoform	10.84	173	123475	54.982	ug/l #	99
73) Isopropylbenzene	11.00	105	643276	44.674	ug/l	100
74) N-amyl acetate	10.88	43	231342	46.009	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165802	40.778	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172053m	42.123	ug/l	
77) Bromobenzene	11.24	156	168562	42.923	ug/l	99
78) n-propylbenzene	11.34	91	718619	44.718	ug/l	99
79) 2-Chlorotoluene	11.40	91	437495	44.496	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	562778	45.298	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68177	40.875	ug/l	100
82) 4-Chlorotoluene	11.49	91	527299	44.702	ug/l	100
83) tert-Butylbenzene	11.76	119	620386	50.469	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	685710	53.580	ug/l	98
85) sec-Butylbenzene	11.93	105	765397	53.613	ug/l	100
86) p-Isopropyltoluene	12.05	119	750444	57.371	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372760	51.955	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	375729	51.782	ug/l	100
89) n-Butylbenzene	12.37	91	617321	55.035	ug/l	100
90) Hexachloroethane	12.58	117	123688	52.493	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	341225	49.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47620	49.394	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016872.D
Acq On : 19 Jun 2020 12:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/22/2020 10:48:02 AM

Quant Time: Jun 22 02:10:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229066	49.251	ug/l	98
94) Hexachlorobutadiene	13.76	225	99374	47.349	ug/l	99
95) Naphthalene	13.82	128	633507	46.395	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	211438	45.586	ug/l	100

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

