

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017008.D
 Acq On : 29 Jun 2020 14:58
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:50 AM

Quant Time: Jun 29 17:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215078	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	69101	19.89	ug/l	0.00
Spiked Amount			Recovery	=	39.78%	
35) Dibromofluoromethane	5.46	113	56626	20.11	ug/l	0.00
Spiked Amount			Recovery	=	40.22%	
50) Toluene-d8	8.70	98	210228	20.19	ug/l	0.00
Spiked Amount			Recovery	=	40.38%	
62) 4-Bromofluorobenzene	11.12	95	78771	19.35	ug/l	0.00
Spiked Amount			Recovery	=	38.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	57604	21.127	ug/l	97
3) Chloromethane	1.32	50	63515	19.245	ug/l	100
4) Vinyl Chloride	1.39	62	61784	20.177	ug/l	99
5) Bromomethane	1.63	94	39760	24.576	ug/l	99
6) Chloroethane	1.72	64	36854	20.378	ug/l	96
7) Trichlorofluoromethane	1.92	101	90553	19.995	ug/l	98
8) Diethyl Ether	2.17	74	32622	19.732	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56413	20.783	ug/l	99
10) Methyl Iodide	2.49	142	71348	20.371	ug/l	96
11) Tert butyl alcohol	3.01	59	66593	100.468	ug/l	98
12) 1,1-Dichloroethene	2.36	96	57203	20.515	ug/l	97
13) Acrolein	2.27	56	39168	98.853	ug/l	100
14) Allyl chloride	2.71	41	99274	19.265	ug/l	98
15) Acrylonitrile	3.12	53	158349	99.378	ug/l	99
16) Acetone	2.42	43	126382	97.234	ug/l	99
17) Carbon Disulfide	2.55	76	164253	19.232	ug/l	99
18) Methyl Acetate	2.75	43	67276	19.828	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	190061	20.309	ug/l	99
20) Methylene Chloride	2.84	84	64520	19.421	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	61508	19.877	ug/l	94
22) Diisopropyl ether	3.82	45	199480	20.915	ug/l	95
23) Vinyl Acetate	3.79	43	860251	104.963	ug/l	100
24) 1,1-Dichloroethane	3.67	63	110281	20.321	ug/l	98
25) 2-Butanone	4.64	43	221225	102.147	ug/l	100
26) 2,2-Dichloropropane	4.56	77	96805	20.090	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	69298	19.765	ug/l	99
28) Bromochloromethane	4.98	49	53514	20.264	ug/l	100
29) Tetrahydrofuran	5.09	42	149148	104.230	ug/l	99
30) Chloroform	5.18	83	113367	20.379	ug/l	99
31) Cyclohexane	5.55	56	96411	20.553	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	104784	20.452	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82181	19.532	ug/l	98
37) Ethyl Acetate	4.79	43	88008	20.616	ug/l	99
38) Carbon Tetrachloride	5.76	117	90802	19.594	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017008.D
 Acq On : 29 Jun 2020 14:58
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:50 AM

Quant Time: Jun 29 17:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	93483	19.969	ug/l	98
40) Benzene	6.11	78	247955	20.057	ug/l	100
41) Methacrylonitrile	5.01	41	49303	20.520	ug/l	98
42) 1,2-Dichloroethane	6.17	62	88932	19.916	ug/l	98
43) Isopropyl Acetate	6.42	43	138976	19.591	ug/l	99
44) Trichloroethene	7.19	130	72869	19.570	ug/l	99
45) 1,2-Dichloropropane	7.49	63	63624	20.038	ug/l	98
46) Dibromomethane	7.64	93	43232	19.943	ug/l	99
47) Bromodichloromethane	7.88	83	89567	20.049	ug/l	95
48) Methyl methacrylate	7.74	41	66342	19.685	ug/l	97
49) 1,4-Dioxane	7.71	88	31078	407.041	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	441943	104.514	ug/l	99
52) Toluene	8.77	92	156654	20.296	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	96717	19.622	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	105384	19.945	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	63012	19.982	ug/l	98
56) Ethyl methacrylate	9.16	69	90526	20.169	ug/l	100
57) 1,3-Dichloropropane	9.35	76	106854	20.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234163	104.825	ug/l	99
59) 2-Hexanone	9.47	43	322906	104.559	ug/l	99
60) Dibromochloromethane	9.57	129	72683	19.844	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67558	19.931	ug/l	100
64) Tetrachloroethene	9.32	164	68310	20.080	ug/l	95
65) Chlorobenzene	10.12	112	170775	19.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	66021	19.691	ug/l	99
67) Ethyl Benzene	10.23	91	290580	20.000	ug/l	99
68) m/p-Xylenes	10.34	106	227758	40.827	ug/l	99
69) o-Xylene	10.68	106	106664	20.099	ug/l	100
70) Styrene	10.70	104	183775	20.335	ug/l	99
71) Bromoform	10.84	173	52380	19.701	ug/l #	100
73) Isopropylbenzene	11.00	105	288850	20.503	ug/l	100
74) N-amyl acetate	10.88	43	120945	20.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88574	19.988	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	87445m	16.509	ug/l	
77) Bromobenzene	11.24	156	76253	19.694	ug/l	99
78) n-propylbenzene	11.34	91	327332	20.547	ug/l	99
79) 2-Chlorotoluene	11.40	91	196125	20.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	240563	20.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31309	19.170	ug/l	94
82) 4-Chlorotoluene	11.49	91	232172	20.143	ug/l	98
83) tert-Butylbenzene	11.76	119	231777	20.205	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	249505	21.046	ug/l	100
85) sec-Butylbenzene	11.93	105	274135	20.331	ug/l	99
86) p-Isopropyltoluene	12.05	119	258471	20.591	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	139542	19.844	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	138142	19.533	ug/l	98
89) n-Butylbenzene	12.37	91	222468	19.849	ug/l	98
90) Hexachloroethane	12.58	117	48192	19.468	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	130331	19.828	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20172	19.082	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
Data File : VX017008.D
Acq On : 29 Jun 2020 14:58
Operator : JC/SP
Sample : VSTDICC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:12:50 AM

Quant Time: Jun 29 17:06:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 16:54:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85431	19.042	ug/l	99
94) Hexachlorobutadiene	13.77	225	33329	18.367	ug/l	97
95) Naphthalene	13.82	128	274117	20.097	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	82924	19.099	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062920\
Data File : VX017008.D
Acq On : 29 Jun 2020 14:58
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:12:50 AM

Quant Time: Jun 29 17:06:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 16:54:07 2020
Response via : Initial Calibration

