

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017360.D
 Acq On : 13 Jul 2020 17:59
 Operator : JC/SP
 Sample : L3216-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:10 AM

Quant Time: Jul 14 03:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249128	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	210840	53.92	ug/l	0.00
Spiked Amount						
			Recovery	=	107.84%	
35) Dibromofluoromethane	5.46	113	172688	52.04	ug/l	0.00
Spiked Amount						
			Recovery	=	104.08%	
50) Toluene-d8	8.70	98	630021	52.63	ug/l	0.00
Spiked Amount						
			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	242636	51.03	ug/l	0.00
Spiked Amount						
			Recovery	=	102.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	13470	5.109	ug/l	98
3) Chloromethane	1.31	50	16268	5.481	ug/l	99
4) Vinyl Chloride	1.39	62	14016	4.773	ug/l	99
5) Bromomethane	1.62	94	10339	5.409	ug/l	92
6) Chloroethane	1.71	64	9457	5.103	ug/l	94
7) Trichlorofluoromethane	1.92	101	24816	5.007	ug/l	96
8) Diethyl Ether	2.17	74	8452	4.825	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14295	5.064	ug/l	96
10) Methyl Iodide	2.49	142	12183	3.557	ug/l #	97
11) Tert butyl alcohol	3.02	59	18413	27.948	ug/l	98
12) 1,1-Dichloroethene	2.36	96	15220	5.368	ug/l	89
13) Acrolein	2.28	56	7693	21.301	ug/l	94
14) Allyl chloride	2.71	41	25966	5.285	ug/l	97
15) Acrylonitrile	3.12	53	43553	27.270	ug/l	98
16) Acetone	2.42	43	36203	25.951	ug/l	98
17) Carbon Disulfide	2.55	76	42186	5.100	ug/l	100
18) Methyl Acetate	2.75	43	18548	5.383	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	50409	5.236	ug/l	100
20) Methylene Chloride	2.84	84	17947	5.273	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	16695	5.146	ug/l	94
22) Diisopropyl ether	3.82	45	51768	5.532	ug/l	97
23) Vinyl Acetate	3.78	43	215314	26.160	ug/l	97
24) 1,1-Dichloroethane	3.67	63	29581	5.378	ug/l	98
25) 2-Butanone	4.64	43	59726	26.955	ug/l	96
26) 2,2-Dichloropropane	4.56	77	25730	5.027	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	19582	5.505	ug/l	97
28) Bromochloromethane	4.98	49	14196	5.587	ug/l	99
29) Tetrahydrofuran	5.10	42	37518	26.157	ug/l	100
30) Chloroform	5.17	83	31352	5.298	ug/l	94
31) Cyclohexane	5.56	56	24527	5.447	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	29268	5.350	ug/l	98
36) 1,1-Dichloropropene	5.78	75	22903	5.055	ug/l	99
37) Ethyl Acetate	4.79	43	24229	5.170	ug/l	98
38) Carbon Tetrachloride	5.75	117	26286	4.955	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017360.D
 Acq On : 13 Jul 2020 17:59
 Operator : JC/SP
 Sample : L3216-08 5.0PPB LOO
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:10 AM

Quant Time: Jul 14 03:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	24392	4.957	ug/l	96
40) Benzene	6.12	78	69162	5.311	ug/l	96
41) Methacrylonitrile	5.01	41	13259	5.271	ug/l	97
42) 1,2-Dichloroethane	6.17	62	26705	5.278	ug/l	97
43) Isopropyl Acetate	6.42	43	36759	4.909	ug/l	96
44) Trichloroethene	7.19	130	21061	5.295	ug/l	98
45) 1,2-Dichloropropane	7.49	63	17714	5.316	ug/l	98
46) Dibromomethane	7.64	93	12476	5.192	ug/l	95
47) Bromodichloromethane	7.88	83	24975	4.971	ug/l	99
48) Methyl methacrylate	7.75	41	18889	5.257	ug/l	96
49) 1,4-Dioxane	7.72	88	7725	105.055	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	115570	25.313	ug/l	99
52) Toluene	8.76	92	43462	5.201	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	26530	4.902	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	28504	4.938	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	18098	5.194	ug/l	96
56) Ethyl methacrylate	9.16	69	23118	4.673	ug/l	96
57) 1,3-Dichloropropane	9.35	76	30156	5.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	61704	24.564	ug/l	98
59) 2-Hexanone	9.47	43	85399	24.782	ug/l	97
60) Dibromochloromethane	9.56	129	20326	4.775	ug/l	99
61) 1,2-Dibromoethane	9.65	107	19363	5.108	ug/l	99
64) Tetrachloroethene	9.32	164	21347	5.261	ug/l	94
65) Chlorobenzene	10.12	112	50190	5.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	18959	4.998	ug/l	97
67) Ethyl Benzene	10.24	91	79963	5.042	ug/l	97
68) m/p-Xylenes	10.34	106	59555	9.869	ug/l	98
69) o-Xylene	10.68	106	28317	4.911	ug/l	99
70) Styrene	10.70	104	47364	4.785	ug/l	99
71) Bromoform	10.84	173	15814	4.941	ug/l #	100
73) Isopropylbenzene	11.00	105	77576	4.967	ug/l	98
74) N-amyl acetate	10.88	43	30366	4.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	26592	5.608	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	25689m	5.580	ug/l	
77) Bromobenzene	11.24	156	22359	5.027	ug/l	94
78) n-propylbenzene	11.34	91	89308	5.092	ug/l	98
79) 2-Chlorotoluene	11.40	91	55122	5.100	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	65998	4.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	8252	4.547	ug/l	96
82) 4-Chlorotoluene	11.49	91	64382	5.026	ug/l	97
83) tert-Butylbenzene	11.76	119	62081	4.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	64784	4.837	ug/l	100
85) sec-Butylbenzene	11.93	105	72637	4.841	ug/l	98
86) p-Isopropyltoluene	12.05	119	68927	4.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	41134	5.170	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	41080	5.110	ug/l	93
89) n-Butylbenzene	12.37	91	56182	4.640	ug/l	99
90) Hexachloroethane	12.58	117	13594	5.044	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	38731	5.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5963	4.766	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017360.D
Acq On : 13 Jul 2020 17:59
Operator : JC/SP
Sample : L3216-08 5.0PPB L00
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:36:10 AM

Quant Time: Jul 14 03:43:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 03:17:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	23895	4.604	ug/l	97
94) Hexachlorobutadiene	13.76	225	10956	5.176	ug/l	96
95) Naphthalene	13.82	128	66600	4.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	24014	4.789	ug/l	94

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

