

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015881.D
 Acq On : 23 Apr 2020 11:42
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	899889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1321434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1247608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	675338	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	508986	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	5.47	113	398603	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	1586885	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.12	95	624469	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	178741	23.204	ug/l	99
3) Chloromethane	1.31	50	155613	19.725	ug/l	98
4) Vinyl Chloride	1.39	62	181666	19.895	ug/l	100
5) Bromomethane	1.63	94	79481	25.952	ug/l	99
6) Chloroethane	1.72	64	105515	20.278	ug/l	99
7) Trichlorofluoromethane	1.92	101	242520	21.406	ug/l	98
8) Diethyl Ether	2.17	74	87611	19.069	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157643	20.512	ug/l	96
10) Methyl Iodide	2.49	142	163555	17.225	ug/l	98
11) Tert butyl alcohol	3.00	59	188938	90.350	ug/l	99
12) 1,1-Dichloroethene	2.36	96	158112	20.060	ug/l	97
13) Acrolein	2.27	56	97939	79.152	ug/l	98
14) Allyl chloride	2.70	41	324062	19.348	ug/l	98
15) Acrylonitrile	3.11	53	467605	96.335	ug/l	100
16) Acetone	2.42	43	365754	82.071	ug/l	98
17) Carbon Disulfide	2.55	76	441155	15.412	ug/l	98
18) Methyl Acetate	2.75	43	268860	18.274	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	560434	20.141	ug/l	100
20) Methylene Chloride	2.84	84	179388	19.828	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	169495	19.382	ug/l	95
22) Diisopropyl ether	3.83	45	619017	20.505	ug/l	99
23) Vinyl Acetate	3.78	43	2518660	100.807	ug/l	99
24) 1,1-Dichloroethane	3.67	63	312827	19.882	ug/l	100
25) 2-Butanone	4.63	43	645467	91.634	ug/l	98
26) 2,2-Dichloropropane	4.55	77	287380	20.446	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	202374	20.384	ug/l	97
28) Bromochloromethane	4.98	49	148741	18.016	ug/l	100
29) Tetrahydrofuran	5.09	42	437435	93.888	ug/l	99
30) Chloroform	5.18	83	310923	19.640	ug/l	100
31) Cyclohexane	5.55	56	310112	20.739	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	285947	20.258	ug/l	98
36) 1,1-Dichloropropene	5.77	75	243825	20.814	ug/l	99
37) Ethyl Acetate	4.79	43	270443	19.398	ug/l	99
38) Carbon Tetrachloride	5.75	117	244646	21.201	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015881.D
 Acq On : 23 Apr 2020 11:42
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	302824	20.413	ug/l	97
40) Benzene	6.11	78	723611	20.509	ug/l	98
41) Methacrylonitrile	5.00	41	153471	19.810	ug/l	97
42) 1,2-Dichloroethane	6.16	62	258654	20.358	ug/l	98
43) Isopropyl Acetate	6.41	43	459097	19.521	ug/l	99
44) Trichloroethene	7.19	130	251431	20.277	ug/l	97
45) 1,2-Dichloropropane	7.49	63	190295	20.580	ug/l	99
46) Dibromomethane	7.64	93	126809	18.787	ug/l	99
47) Bromodichloromethane	7.87	83	246418	20.521	ug/l	100
48) Methyl methacrylate	7.75	41	226772	19.603	ug/l	100
49) 1,4-Dioxane	7.72	88	77124	352.759	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1325414	97.638	ug/l	100
52) Toluene	8.76	92	463666	20.502	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	305281	20.490	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	318130	20.203	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	178185	20.177	ug/l	99
56) Ethyl methacrylate	9.16	69	292573	19.559	ug/l	98
57) 1,3-Dichloropropane	9.36	76	312341	20.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	719254	96.253	ug/l	99
59) 2-Hexanone	9.47	43	972049	93.996	ug/l	99
60) Dibromochloromethane	9.56	129	191452	20.993	ug/l	97
61) 1,2-Dibromoethane	9.65	107	190227	19.490	ug/l	99
64) Tetrachloroethene	9.32	164	320031	19.031	ug/l	98
65) Chlorobenzene	10.12	112	501708	20.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	189355	20.305	ug/l	99
67) Ethyl Benzene	10.23	91	892477	20.371	ug/l	99
68) m/p-Xylenes	10.34	106	674525	41.018	ug/l	99
69) o-Xylene	10.68	106	326652	20.186	ug/l	98
70) Styrene	10.70	104	562425	20.072	ug/l	99
71) Bromoform	10.84	173	137670	22.655	ug/l #	99
73) Isopropylbenzene	11.00	105	880468	20.528	ug/l	100
74) N-amyl acetate	10.88	43	413711	18.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	176306	19.423	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	254374m	19.808	ug/l	
77) Bromobenzene	11.24	156	241759	20.629	ug/l	99
78) n-propylbenzene	11.34	91	998008	20.312	ug/l	100
79) 2-Chlorotoluene	11.40	91	588827	19.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	748226	20.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97862	18.331	ug/l #	89
82) 4-Chlorotoluene	11.49	91	718236	20.479	ug/l	99
83) tert-Butylbenzene	11.76	119	662509	20.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	767698	20.219	ug/l	98
85) sec-Butylbenzene	11.93	105	863561	20.193	ug/l	100
86) p-Isopropyltoluene	12.05	119	825432	20.642	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	424683	19.741	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	425493	19.759	ug/l	97
89) n-Butylbenzene	12.37	91	703380	19.674	ug/l	99
90) Hexachloroethane	12.58	117	117614	27.842	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	398450	19.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52444	19.482	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015881.D
Acq On : 23 Apr 2020 11:42
Operator : JC/SP
Sample : VX0423WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0423WBS01

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:06:28 AM

Quant Time: Apr 24 04:20:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	309715	19.266	ug/l	99
94) Hexachlorobutadiene	13.77	225	143022	19.842	ug/l	98
95) Naphthalene	13.82	128	878413	18.992	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	303021	19.320	ug/l	97

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

