

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007733.D
 Acq On : 27 Feb 2019 14:57
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	445286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211020	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	178700	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	144452	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.71	98	552700	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.13	95	198591	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	52390	18.140	ug/l	99
3) Chloromethane	1.33	50	55888	17.463	ug/l	100
4) Vinyl Chloride	1.41	62	57898	17.633	ug/l	99
5) Bromomethane	1.64	94	38933	17.823	ug/l	99
6) Chloroethane	1.73	64	36865	17.573	ug/l	97
7) Trichlorofluoromethane	1.93	101	83796	16.647	ug/l	98
8) Diethyl Ether	2.19	74	34803	16.847	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51680	16.987	ug/l	99
10) Methyl Iodide	2.51	142	68130	17.984	ug/l	100
11) Tert butyl alcohol	3.06	59	66947	90.858	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47043	17.154	ug/l	94
13) Acrolein	2.29	56	50279	76.790	ug/l	100
14) Allyl chloride	2.73	41	95522	18.838	ug/l	95
15) Acrylonitrile	3.15	53	162497	93.713	ug/l	99
16) Acetone	2.45	43	158271	91.646	ug/l	98
17) Carbon Disulfide	2.57	76	124676	16.341	ug/l	98
18) Methyl Acetate	2.78	43	74249	19.703	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	167468	17.536	ug/l	100
20) Methylene Chloride	2.86	84	53298	16.714	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	50153	16.822	ug/l	92
22) Diisopropyl ether	3.87	45	199568	18.906	ug/l	97
23) Vinyl Acetate	3.82	43	858320	92.679	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97295	16.960	ug/l	98
25) 2-Butanone	4.70	43	255484	97.118	ug/l	96
26) 2,2-Dichloropropane	4.58	77	74327	16.231	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62119	16.375	ug/l	91
28) Bromochloromethane	5.02	49	51853	18.566	ug/l	85
29) Tetrahydrofuran	5.15	42	161923	93.378	ug/l	94
30) Chloroform	5.21	83	105940	17.240	ug/l	99
31) Cyclohexane	5.57	56	96212	17.829	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	87541	17.225	ug/l	96
36) 1,1-Dichloropropene	5.80	75	79075	19.753	ug/l	96
37) Ethyl Acetate	4.85	43	93987	21.135	ug/l	99
38) Carbon Tetrachloride	5.78	117	77131	19.180	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007733.D
 Acq On : 27 Feb 2019 14:57
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96890	19.150	ug/l	92
40) Benzene	6.14	78	238967	19.337	ug/l	99
41) Methacrylonitrile	5.06	41	52680	22.185	ug/l	95
42) 1,2-Dichloroethane	6.20	62	86121	20.734	ug/l	99
43) Isopropyl Acetate	6.46	43	142665	20.845	ug/l	98
44) Trichloroethene	7.21	130	65892	19.383	ug/l	97
45) 1,2-Dichloropropane	7.51	63	63771	19.921	ug/l	100
46) Dibromomethane	7.66	93	41099	18.403	ug/l	99
47) Bromodichloromethane	7.90	83	75176	19.424	ug/l	99
48) Methyl methacrylate	7.77	41	77198	21.518	ug/l	92
49) 1,4-Dioxane	7.75	88	29901	385.889	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	485084	105.883	ug/l	98
52) Toluene	8.78	92	151550	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80389	18.574	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90502	19.270	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	61381	18.889	ug/l	98
56) Ethyl methacrylate	9.18	69	91073	19.708	ug/l	94
57) 1,3-Dichloropropane	9.37	76	101835	19.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	249560	97.931	ug/l	97
59) 2-Hexanone	9.49	43	370999	103.148	ug/l	98
60) Dibromochloromethane	9.58	129	60384	19.311	ug/l	98
61) 1,2-Dibromoethane	9.67	107	64698	19.176	ug/l	99
64) Tetrachloroethene	9.34	164	68449	20.637	ug/l	98
65) Chlorobenzene	10.13	112	166278	18.817	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59022	19.149	ug/l	99
67) Ethyl Benzene	10.25	91	281002	19.197	ug/l	98
68) m/p-Xylenes	10.36	106	215637	37.867	ug/l	95
69) o-Xylene	10.69	106	102702	18.750	ug/l	95
70) Styrene	10.71	104	172275	19.134	ug/l	99
71) Bromoform	10.85	173	46345	20.051	ug/l #	99
73) Isopropylbenzene	11.02	105	284291	18.850	ug/l	99
74) N-amyl acetate	10.90	43	124013	18.935	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92478	17.728	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	79556m	17.687	ug/l	
77) Bromobenzene	11.26	156	75600	19.985	ug/l	94
78) n-propylbenzene	11.36	91	321224	18.848	ug/l	97
79) 2-Chlorotoluene	11.42	91	189973	18.513	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	232985	18.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24870	16.934	ug/l	89
82) 4-Chlorotoluene	11.51	91	219356	18.273	ug/l	98
83) tert-Butylbenzene	11.77	119	228184	19.157	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	239445	18.869	ug/l	98
85) sec-Butylbenzene	11.94	105	281832	18.882	ug/l	99
86) p-Isopropyltoluene	12.06	119	251726	19.257	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	134215	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134334	18.693	ug/l	98
89) n-Butylbenzene	12.38	91	212053	18.190	ug/l	99
90) Hexachloroethane	12.60	117	39453	17.913	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	132938	18.935	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18824	16.562	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022719\
Data File : VX007733.D
Acq On : 27 Feb 2019 14:57
Operator : JC/SP
Sample : VX0227WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Manual Integrations
APPROVED

MMDadoda
2/28/2019 12:22:42 PM

Quant Time: Feb 28 04:19:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92519	21.588	ug/l	100
94) Hexachlorobutadiene	13.78	225	51714	26.378	ug/l	99
95) Naphthalene	13.83	128	263330	18.966	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92383	21.469	ug/l	99

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

