

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012557.D
 Acq On : 20 Sep 2019 15:12
 Operator : JC/SP
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:30:01 AM

Quant Time: Sep 21 02:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130338	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.48	113	93892	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	350561	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	139213	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22328	18.760	ug/l	99
3) Chloromethane	1.32	50	20144	20.270	ug/l	98
4) Vinyl Chloride	1.40	62	22230	20.697	ug/l	92
5) Bromomethane	1.63	94	10571	25.051	ug/l	89
6) Chloroethane	1.72	64	16992	20.216	ug/l	92
7) Trichlorofluoromethane	1.92	101	40136	20.384	ug/l	96
8) Diethyl Ether	2.18	74	18278	20.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28864	20.261	ug/l	99
10) Methyl Iodide	2.50	142	21431	20.415	ug/l	98
11) Tert butyl alcohol	3.03	59	62756	91.807	ug/l	98
12) 1,1-Dichloroethene	2.36	96	23865	21.000	ug/l	99
13) Acrolein	2.28	56	19053	82.629	ug/l	99
14) Allyl chloride	2.72	41	54114	20.453	ug/l	99
15) Acrylonitrile	3.13	53	118943	105.950	ug/l	98
16) Acetone	2.44	43	111245	88.846	ug/l	99
17) Carbon Disulfide	2.56	76	27368	18.219	ug/l	95
18) Methyl Acetate	2.76	43	56696	21.002	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	129369	20.878	ug/l	97
20) Methylene Chloride	2.84	84	32175	20.521	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	24672	20.906	ug/l	95
22) Diisopropyl ether	3.85	45	130025	20.989	ug/l	93
23) Vinyl Acetate	3.80	43	529802	103.963	ug/l	99
24) 1,1-Dichloroethane	3.69	63	62960	21.241	ug/l	98
25) 2-Butanone	4.66	43	173052	96.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	52847	18.129	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	37041	21.011	ug/l	97
28) Bromochloromethane	5.01	49	29365	19.217	ug/l	98
29) Tetrahydrofuran	5.12	42	102420	103.167	ug/l	98
30) Chloroform	5.20	83	69572	20.438	ug/l	96
31) Cyclohexane	5.58	56	37628	21.030	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	58194	20.454	ug/l	99
36) 1,1-Dichloropropene	5.79	75	37390	20.093	ug/l	97
37) Ethyl Acetate	4.82	43	60666	21.239	ug/l	98
38) Carbon Tetrachloride	5.78	117	44452	19.207	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012557.D
 Acq On : 20 Sep 2019 15:12
 Operator : JC/SP
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0920WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:30:01 AM

Quant Time: Sep 21 02:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36562	20.211	ug/l	95
40) Benzene	6.14	78	123464	20.865	ug/l	96
41) Methacrylonitrile	5.03	41	37738	20.518	ug/l	96
42) 1,2-Dichloroethane	6.18	62	56822	20.703	ug/l	100
43) Isopropyl Acetate	6.43	43	104237	20.332	ug/l	99
44) Trichloroethene	7.21	130	33407	21.462	ug/l	97
45) 1,2-Dichloropropane	7.51	63	37854	20.822	ug/l	98
46) Dibromomethane	7.65	93	24584	20.897	ug/l	97
47) Bromodichloromethane	7.89	83	51428	19.633	ug/l	98
48) Methyl methacrylate	7.76	41	47944	19.839	ug/l	99
49) 1,4-Dioxane	7.73	88	23142	393.454	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	348600	103.687	ug/l	100
52) Toluene	8.78	92	80007	20.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51989	19.093	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57493	20.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40534	20.634	ug/l	97
56) Ethyl methacrylate	9.17	69	62255	20.269	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66919	21.351	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	161182	101.381	ug/l	100
59) 2-Hexanone	9.49	43	263209	100.348	ug/l	99
60) Dibromochloromethane	9.58	129	40198	20.089	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38090	21.230	ug/l	100
64) Tetrachloroethene	9.33	164	31429	25.183	ug/l	96
65) Chlorobenzene	10.14	112	92778	20.640	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	38698	20.743	ug/l	100
67) Ethyl Benzene	10.25	91	162583	21.052	ug/l	100
68) m/p-Xylenes	10.35	106	119197	42.419	ug/l	99
69) o-Xylene	10.70	106	61911	21.424	ug/l	98
70) Styrene	10.71	104	109644	21.444	ug/l	98
71) Bromoform	10.85	173	25799	18.009	ug/l #	96
73) Isopropylbenzene	11.01	105	171519	21.571	ug/l	99
74) N-amyl acetate	10.89	43	89769	20.970	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	65284	20.930	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	62570m	21.494	ug/l	
77) Bromobenzene	11.25	156	43560	22.463	ug/l	97
78) n-propylbenzene	11.35	91	183948	20.756	ug/l	97
79) 2-Chlorotoluene	11.42	91	121318	21.043	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	144210	21.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17446	18.530	ug/l	89
82) 4-Chlorotoluene	11.51	91	137938	20.846	ug/l	100
83) tert-Butylbenzene	11.77	119	148942	20.497	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	149490	21.470	ug/l	99
85) sec-Butylbenzene	11.94	105	168196	21.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	155747	21.183	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77424	21.225	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76795	20.495	ug/l	98
89) n-Butylbenzene	12.38	91	127359	19.414	ug/l	99
90) Hexachloroethane	12.59	117	26558	19.700	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	79642	20.889	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16608	20.538	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012557.D
Acq On : 20 Sep 2019 15:12
Operator : JC/SP
Sample : VX0920WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Manual Integrations
APPROVED

MMDadoda
9/23/2019 11:30:01 AM

Quant Time: Sep 21 02:11:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50358	20.506	ug/l	99
94) Hexachlorobutadiene	13.78	225	22469	19.412	ug/l	94
95) Naphthalene	13.83	128	188472	21.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53484	21.372	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012557.D
Acq On : 20 Sep 2019 15:12
Operator : JC/SP
Sample : VX0920WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0920WBSD01

Manual Integrations
APPROVED

MMDadoda
9/23/2019 11:30:01 AM

Quant Time: Sep 21 02:11:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

