

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011422.D
 Acq On : 11 Aug 2019 11:35
 Operator : JC/SP
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:30:24 AM

Quant Time: Aug 12 08:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	248222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	177721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	146346	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	
35) Dibromofluoromethane	5.49	113	127065	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
50) Toluene-d8	8.71	98	478953	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
62) 4-Bromofluorobenzene	11.13	95	183470	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	35039	18.277	ug/l	100
3) Chloromethane	1.32	50	36800	17.094	ug/l	100
4) Vinyl Chloride	1.40	62	39634	16.737	ug/l	95
5) Bromomethane	1.63	94	27667	16.381	ug/l	98
6) Chloroethane	1.71	64	28417	17.690	ug/l	98
7) Trichlorofluoromethane	1.92	101	75651	17.967	ug/l	100
8) Diethyl Ether	2.18	74	26125	17.376	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43890	19.264	ug/l	97
10) Methyl Iodide	2.50	142	45004	15.668	ug/l	95
11) Tert butyl alcohol	3.03	59	53798	107.940	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40573	17.965	ug/l	89
13) Acrolein	2.28	56	13411	42.943	ug/l	95
14) Allyl chloride	2.72	41	61672	20.484	ug/l	96
15) Acrylonitrile	3.13	53	114232	96.033	ug/l	98
16) Acetone	2.43	43	121709	102.292	ug/l	99
17) Carbon Disulfide	2.56	76	92757	17.502	ug/l	99
18) Methyl Acetate	2.76	43	54908	20.194	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	137740	20.696	ug/l	100
20) Methylene Chloride	2.85	84	47533	18.241	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	44342	18.561	ug/l	93
22) Diisopropyl ether	3.84	45	132735	20.059	ug/l	96
23) Vinyl Acetate	3.80	43	578135	105.339	ug/l	98
24) 1,1-Dichloroethane	3.68	63	77908	19.967	ug/l	98
25) 2-Butanone	4.66	43	167082	98.718	ug/l	100
26) 2,2-Dichloropropane	4.57	77	67332	22.199	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	52285	19.001	ug/l	96
28) Bromochloromethane	5.00	49	36405	20.466	ug/l	97
29) Tetrahydrofuran	5.12	42	97820	94.260	ug/l	100
30) Chloroform	5.20	83	85797	20.231	ug/l	97
31) Cyclohexane	5.57	56	62197	19.321	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	74770	20.582	ug/l	97
36) 1,1-Dichloropropene	5.79	75	60183	19.307	ug/l	99
37) Ethyl Acetate	4.82	43	59724	19.101	ug/l	99
38) Carbon Tetrachloride	5.77	117	66943	21.347	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011422.D
 Acq On : 11 Aug 2019 11:35
 Operator : JC/SP
 Sample : VX0811WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:30:24 AM

Quant Time: Aug 12 08:04:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70216	19.004	ug/l	98
40) Benzene	6.13	78	180859	19.444	ug/l	98
41) Methacrylonitrile	5.03	41	34434	20.166	ug/l	97
42) 1,2-Dichloroethane	6.18	62	68548	21.793	ug/l	97
43) Isopropyl Acetate	6.43	43	101817	20.368	ug/l	99
44) Trichloroethene	7.20	130	53276	18.923	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46716	19.393	ug/l	97
46) Dibromomethane	7.65	93	34150	19.419	ug/l	98
47) Bromodichloromethane	7.89	83	64288	21.592	ug/l	99
48) Methyl methacrylate	7.76	41	47929	20.373	ug/l	98
49) 1,4-Dioxane	7.73	88	24312	356.473	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	324632	100.628	ug/l	100
52) Toluene	8.78	92	121951	19.830	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	67477	21.194	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	73594	21.160	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51042	20.186	ug/l	99
56) Ethyl methacrylate	9.17	69	74341	20.631	ug/l	98
57) 1,3-Dichloropropane	9.37	76	79902	19.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	171272	96.668	ug/l	99
59) 2-Hexanone	9.49	43	256614	102.695	ug/l	98
60) Dibromochloromethane	9.58	129	54220	20.944	ug/l	100
61) 1,2-Dibromoethane	9.66	107	53761	19.679	ug/l	100
64) Tetrachloroethene	9.33	164	54216	19.135	ug/l	95
65) Chlorobenzene	10.13	112	139040	19.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51249	20.927	ug/l	99
67) Ethyl Benzene	10.25	91	241953	20.196	ug/l	98
68) m/p-Xylenes	10.35	106	184316	39.776	ug/l	97
69) o-Xylene	10.69	106	89502	19.658	ug/l	98
70) Styrene	10.71	104	154660	20.530	ug/l	97
71) Bromoform	10.85	173	40794	20.409	ug/l	99
73) Isopropylbenzene	11.01	105	245388	20.188	ug/l	99
74) N-amyl acetate	10.89	43	91361	20.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	78352	19.343	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67848m	20.963	ug/l	
77) Bromobenzene	11.25	156	66045	19.595	ug/l	95
78) n-propylbenzene	11.35	91	273608	20.242	ug/l	99
79) 2-Chlorotoluene	11.41	91	163159	20.252	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	206716	20.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22329	21.282	ug/l	96
82) 4-Chlorotoluene	11.51	91	188607	20.088	ug/l	99
83) tert-Butylbenzene	11.77	119	201930	20.235	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	209270	20.658	ug/l	98
85) sec-Butylbenzene	11.94	105	238965	19.931	ug/l	99
86) p-Isopropyltoluene	12.06	119	223729	20.283	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117992	19.813	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117689	19.165	ug/l	97
89) n-Butylbenzene	12.38	91	193517	20.364	ug/l	99
90) Hexachloroethane	12.59	117	35380	21.696	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	115440	19.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16265	20.726	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
Data File : VX011422.D
Acq On : 11 Aug 2019 11:35
Operator : JC/SP
Sample : VX0811WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0811WBS01

Manual Integrations
APPROVED

MMDadoda
8/12/2019 10:30:24 AM

Quant Time: Aug 12 08:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	79537	20.043	ug/l	100
94) Hexachlorobutadiene	13.78	225	40639	20.185	ug/l	98
95) Naphthalene	13.83	128	233691	20.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78533	19.466	ug/l	98

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

