

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011697.D
 Acq On : 20 Aug 2019 20:53
 Operator : JC/SP
 Sample : VX0820WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:22 AM

Quant Time: Aug 21 00:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	316180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	439156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	142267	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	131801	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
50) Toluene-d8	8.71	98	406116	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.13	95	161643	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64930	20.892	ug/l	98
3) Chloromethane	1.32	50	52738	16.338	ug/l	99
4) Vinyl Chloride	1.40	62	52509	18.008	ug/l	99
5) Bromomethane	1.63	94	32412	24.807	ug/l	98
6) Chloroethane	1.71	64	30332	21.979	ug/l	98
7) Trichlorofluoromethane	1.92	101	84835	21.005	ug/l	95
8) Diethyl Ether	2.18	74	30014	21.664	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54771	19.634	ug/l	98
10) Methyl Iodide	2.50	142	58751	14.784	ug/l	98
11) Tert butyl alcohol	3.04	59	74642	103.764	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51843	19.230	ug/l	98
13) Acrolein	2.29	56	19949	97.920	ug/l	88
14) Allyl chloride	2.72	41	85345	19.030	ug/l	98
15) Acrylonitrile	3.14	53	171361	104.085	ug/l	99
16) Acetone	2.43	43	147093	99.769	ug/l	100
17) Carbon Disulfide	2.56	76	113566	17.877	ug/l	99
18) Methyl Acetate	2.76	43	96747	21.159	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	184788	21.046	ug/l	95
20) Methylene Chloride	2.85	84	59397	19.188	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	56739	19.860	ug/l	97
22) Diisopropyl ether	3.85	45	183917	20.593	ug/l	96
23) Vinyl Acetate	3.81	43	707699	100.066	ug/l	99
24) 1,1-Dichloroethane	3.69	63	101133	20.028	ug/l	99
25) 2-Butanone	4.67	43	218845	94.550	ug/l	99
26) 2,2-Dichloropropane	4.57	77	66719	17.555	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	62047	18.630	ug/l	99
28) Bromochloromethane	5.01	49	40570	18.302	ug/l	99
29) Tetrahydrofuran	5.12	42	145665	95.939	ug/l	97
30) Chloroform	5.20	83	105707	19.836	ug/l	96
31) Cyclohexane	5.58	56	85384	19.639	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	95055	20.744	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74688	19.892	ug/l	99
37) Ethyl Acetate	4.82	43	81679	18.913	ug/l	99
38) Carbon Tetrachloride	5.77	117	82006	19.824	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011697.D
 Acq On : 20 Aug 2019 20:53
 Operator : JC/SP
 Sample : VX0820WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0820WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:22 AM

Quant Time: Aug 21 00:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84744	18.276	ug/l	100
40) Benzene	6.13	78	225505	19.327	ug/l	100
41) Methacrylonitrile	5.03	41	47489	19.980	ug/l	96
42) 1,2-Dichloroethane	6.18	62	85311	21.103	ug/l	99
43) Isopropyl Acetate	6.44	43	128538	19.072	ug/l	100
44) Trichloroethene	7.21	130	67768	19.578	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57564	19.782	ug/l	100
46) Dibromomethane	7.66	93	39323	18.596	ug/l	95
47) Bromodichloromethane	7.89	83	75495	19.444	ug/l	95
48) Methyl methacrylate	7.77	41	65924	19.752	ug/l	95
49) 1,4-Dioxane	7.74	88	35479	399.659	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	441032	99.974	ug/l	98
52) Toluene	8.78	92	144598	19.452	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75737	18.795	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	80474	18.248	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	62167	19.666	ug/l	99
56) Ethyl methacrylate	9.18	69	90224	19.637	ug/l	98
57) 1,3-Dichloropropane	9.37	76	100087	19.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	214499	93.697	ug/l	100
59) 2-Hexanone	9.49	43	341723	100.450	ug/l	98
60) Dibromochloromethane	9.58	129	61597	18.702	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66580	19.735	ug/l	100
64) Tetrachloroethene	9.34	164	66931	22.233	ug/l	95
65) Chlorobenzene	10.13	112	155461	19.865	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	58611	20.037	ug/l	97
67) Ethyl Benzene	10.25	91	263048	20.140	ug/l	98
68) m/p-Xylenes	10.35	106	203117	40.514	ug/l	97
69) o-Xylene	10.69	106	98365	20.030	ug/l	97
70) Styrene	10.71	104	165817	20.057	ug/l	98
71) Bromoform	10.85	173	44613	17.953	ug/l #	100
73) Isopropylbenzene	11.02	105	268439	20.098	ug/l	99
74) N-amyl acetate	10.90	43	105979	18.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	91200	19.849	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78495m	20.111	ug/l	
77) Bromobenzene	11.25	156	74598	18.772	ug/l	96
78) n-propylbenzene	11.36	91	292888	20.336	ug/l	100
79) 2-Chlorotoluene	11.41	91	177043	20.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	228266	20.345	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21509	18.075	ug/l	86
82) 4-Chlorotoluene	11.51	91	207047	20.180	ug/l	98
83) tert-Butylbenzene	11.77	119	229517	20.085	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	234068	20.780	ug/l	98
85) sec-Butylbenzene	11.94	105	264674	20.529	ug/l	98
86) p-Isopropyltoluene	12.06	119	251137	20.705	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	133588	19.558	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	137699	19.891	ug/l	98
89) n-Butylbenzene	12.38	91	207409	20.800	ug/l	99
90) Hexachloroethane	12.59	117	37549	19.604	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	143678	20.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21075	20.049	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011697.D
Acq On : 20 Aug 2019 20:53
Operator : JC/SP
Sample : VX0820WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS02

Manual Integrations
APPROVED

MMDadoda
8/21/2019 9:36:22 AM

Quant Time: Aug 21 00:41:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	107361	21.015	ug/l	99
94) Hexachlorobutadiene	13.78	225	56168	20.191	ug/l	99
95) Naphthalene	13.83	128	320814	22.213	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111206	21.581	ug/l	100

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

