

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011345.D
 Acq On : 06 Aug 2019 11:54
 Operator : JC/SP
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:36 AM

Quant Time: Aug 07 01:33:47 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	153794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	210612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	80763	52.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.30%	
35) Dibromofluoromethane	5.49	113	72925	49.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	273125	48.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	96784	48.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	21591	18.177	ug/l	99
3) Chloromethane	1.32	50	24070	18.045	ug/l	99
4) Vinyl Chloride	1.40	62	26745	18.228	ug/l	97
5) Bromomethane	1.63	94	20146	19.252	ug/l	100
6) Chloroethane	1.71	64	18792	19.067	ug/l	100
7) Trichlorofluoromethane	1.92	101	48502	18.591	ug/l	98
8) Diethyl Ether	2.18	74	16866	18.105	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25450	18.029	ug/l	97
10) Methyl Iodide	2.50	142	29526	16.591	ug/l	97
11) Tert butyl alcohol	3.03	59	29755	96.358	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24769	17.701	ug/l	87
13) Acrolein	2.29	56	12983	67.335	ug/l	96
14) Allyl chloride	2.72	41	35782	19.182	ug/l	98
15) Acrylonitrile	3.14	53	71602	97.154	ug/l	100
16) Acetone	2.43	43	62757	85.130	ug/l	98
17) Carbon Disulfide	2.56	76	56860	17.316	ug/l	98
18) Methyl Acetate	2.76	43	32638	19.373	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	75380	18.280	ug/l	93
20) Methylene Chloride	2.85	84	28117	17.415	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	26792	18.100	ug/l	91
22) Diisopropyl ether	3.85	45	76113	18.565	ug/l	98
23) Vinyl Acetate	3.81	43	327361	96.269	ug/l	98
24) 1,1-Dichloroethane	3.69	63	44669	18.477	ug/l	99
25) 2-Butanone	4.67	43	98242	93.684	ug/l	98
26) 2,2-Dichloropropane	4.58	77	34524	18.371	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30139	17.678	ug/l	97
28) Bromochloromethane	5.01	49	23033	20.899	ug/l #	97
29) Tetrahydrofuran	5.12	42	60105	93.478	ug/l	100
30) Chloroform	5.20	83	48781	18.565	ug/l	95
31) Cyclohexane	5.57	56	35231	17.664	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	41153	18.283	ug/l	96
36) 1,1-Dichloropropene	5.79	75	34422	17.360	ug/l	100
37) Ethyl Acetate	4.83	43	35010	17.603	ug/l	98
38) Carbon Tetrachloride	5.77	117	36821	18.458	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011345.D
 Acq On : 06 Aug 2019 11:54
 Operator : JC/SP
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:36 AM

Quant Time: Aug 07 01:33:47 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	39232	16.693	ug/l	95
40) Benzene	6.13	78	108248	18.295	ug/l	99
41) Methacrylonitrile	5.04	41	19169	17.648	ug/l	98
42) 1,2-Dichloroethane	6.19	62	38382	19.184	ug/l	99
43) Isopropyl Acetate	6.44	43	58426	18.374	ug/l	99
44) Trichloroethene	7.21	130	31627	17.660	ug/l	97
45) 1,2-Dichloropropane	7.51	63	27135	17.708	ug/l	98
46) Dibromomethane	7.66	93	20513	18.338	ug/l	94
47) Bromodichloromethane	7.90	83	35161	18.565	ug/l	96
48) Methyl methacrylate	7.76	41	27395	18.307	ug/l	99
49) 1,4-Dioxane	7.74	88	14909	343.659	ug/l #	89
51) 4-Methyl-2-Pentanone	8.63	43	193179	94.137	ug/l	100
52) Toluene	8.78	92	70085	17.915	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34450	17.571	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	40239	18.188	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	29301	18.217	ug/l	99
56) Ethyl methacrylate	9.18	69	41522	18.115	ug/l	99
57) 1,3-Dichloropropane	9.37	76	46255	18.184	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	107781	95.634	ug/l	99
59) 2-Hexanone	9.49	43	149515	94.065	ug/l	97
60) Dibromochloromethane	9.58	129	29321	17.805	ug/l	100
61) 1,2-Dibromoethane	9.67	107	31204	17.956	ug/l	99
64) Tetrachloroethene	9.34	164	30898	17.275	ug/l	97
65) Chlorobenzene	10.13	112	79514	17.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	28788	18.621	ug/l	99
67) Ethyl Benzene	10.25	91	133400	17.639	ug/l	99
68) m/p-Xylenes	10.36	106	103633	35.427	ug/l	98
69) o-Xylene	10.69	106	50030	17.407	ug/l	99
70) Styrene	10.71	104	85357	17.948	ug/l	98
71) Bromoform	10.85	173	20809	17.036	ug/l #	98
73) Isopropylbenzene	11.02	105	134858	17.927	ug/l	100
74) N-amyl acetate	10.90	43	50373	18.532	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	45293	18.067	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	37941m	18.941	ug/l	
77) Bromobenzene	11.25	156	37424	17.941	ug/l	99
78) n-propylbenzene	11.36	91	149087	17.821	ug/l	99
79) 2-Chlorotoluene	11.42	91	89399	17.929	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	113626	18.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	11773	18.801	ug/l	93
82) 4-Chlorotoluene	11.51	91	103541	17.818	ug/l	99
83) tert-Butylbenzene	11.77	119	108883	17.629	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	113839	18.157	ug/l	99
85) sec-Butylbenzene	11.94	105	132061	17.797	ug/l	100
86) p-Isopropyltoluene	12.06	119	121284	17.766	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	66841	18.135	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64863	17.066	ug/l	96
89) n-Butylbenzene	12.38	91	99034	16.839	ug/l	99
90) Hexachloroethane	12.59	117	17990	17.825	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	67485	18.223	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9155	18.849	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
Data File : VX011345.D
Acq On : 06 Aug 2019 11:54
Operator : JC/SP
Sample : VX0806WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0806WBS01

Manual Integrations
APPROVED

MMDadoda
8/7/2019 11:25:36 AM

Quant Time: Aug 07 01:33:47 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	13.65	180	42295	17.221	ug/l	99
94) Hexachlorobutadiene	13.78	225	22337	17.926	ug/l	100
95) Naphthalene	13.83	128	128150	17.843	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44140	17.678	ug/l	99

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

