

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004048.D
 Acq On : 15 Aug 2018 00:48
 Operator : JC/MD
 Sample : VX0814WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 4:49:56 PM

Quant Time: Aug 15 14:44:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	442595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220046	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
35) Dibromofluoromethane	5.51	113	173001	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	8.72	98	701069	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	249040	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59869	21.71	ug/l	98
3) Chloromethane	1.32	50	70924	20.95	ug/l	99
4) Vinyl Chloride	1.40	62	78245	21.36	ug/l	99
5) Bromomethane	1.64	94	45953	24.67	ug/l	98
6) Chloroethane	1.73	64	55195	21.91	ug/l	98
7) Trichlorofluoromethane	1.93	101	110505	21.51	ug/l	99
8) Diethyl Ether	2.18	74	47898	21.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68400	21.34	ug/l	98
10) Methyl Iodide	2.51	142	63086	21.59	ug/l	98
11) Tert butyl alcohol	3.04	59	90322	112.35	ug/l	99
12) 1,1-Dichloroethene	2.38	96	64071	21.49	ug/l	95
13) Acrolein	2.29	56	56830	110.57	ug/l	99
14) Allyl chloride	2.73	41	115361	20.34	ug/l	97
15) Acrylonitrile	3.14	53	220584	110.04	ug/l	100
16) Acetone	2.43	43	226386	109.06	ug/l	98
17) Carbon Disulfide	2.57	76	175906	20.81	ug/l	99
18) Methyl Acetate	2.77	43	99623	21.60	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	222248	21.16	ug/l	100
20) Methylene Chloride	2.86	84	77301	22.45	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70498	20.82	ug/l	98
22) Diisopropyl ether	3.86	45	234847	21.13	ug/l	91
23) Vinyl Acetate	3.82	43	991208	108.58	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134830	21.42	ug/l	99
25) 2-Butanone	4.69	43	371071	109.87	ug/l	100
26) 2,2-Dichloropropane	4.59	77	78098	15.60	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	81025	21.28	ug/l	99
28) Bromochloromethane	5.02	49	68272	23.64	ug/l	95
29) Tetrahydrofuran	5.15	42	186790	108.25	ug/l	97
30) Chloroform	5.22	83	131519	21.41	ug/l	97
31) Cyclohexane	5.58	56	115930	21.01	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	110466	21.52	ug/l	98
36) 1,1-Dichloropropene	5.81	75	96894	19.24	ug/l	99
37) Ethyl Acetate	4.85	43	113115	20.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	93400	19.09	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004048.D
 Acq On : 15 Aug 2018 00:48
 Operator : JC/MD
 Sample : VX0814WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/15/2018 4:49:56 PM

Quant Time: Aug 15 14:44:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109685	19.20	ug/l	99
40) Benzene	6.15	78	309773	20.48	ug/l	99
41) Methacrylonitrile	5.06	41	61863	20.14	ug/l	99
42) 1,2-Dichloroethane	6.20	62	109770	20.74	ug/l	100
43) Isopropyl Acetate	6.46	43	161738	20.01	ug/l	99
44) Trichloroethene	7.21	130	81905	19.95	ug/l	95
45) 1,2-Dichloropropane	7.52	63	78976	20.40	ug/l	100
46) Dibromomethane	7.67	93	52206	20.63	ug/l	99
47) Bromodichloromethane	7.90	83	96624	20.16	ug/l	98
48) Methyl methacrylate	7.78	41	82904	20.37	ug/l	97
49) 1,4-Dioxane	7.76	88	38405	419.17	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	713185	107.59	ug/l	99
52) Toluene	8.79	92	199953	20.91	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	99552	19.23	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	110518	19.28	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	80751	20.44	ug/l	99
56) Ethyl methacrylate	9.18	69	107430	20.00	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134782	20.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	286242	104.66	ug/l	99
59) 2-Hexanone	9.50	43	537739	107.79	ug/l	98
60) Dibromochloromethane	9.59	129	76267	20.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82849	20.58	ug/l	99
64) Tetrachloroethene	9.34	164	82726	21.22	ug/l	95
65) Chlorobenzene	10.14	112	210295	19.79	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.22	131	72914	20.12	ug/l	98
67) Ethyl Benzene	10.26	91	347888	20.68	ug/l	99
68) m/p-Xylenes	10.36	106	271836	41.26	ug/l	95
69) o-Xylene	10.70	106	130348	20.70	ug/l	93
70) Styrene	10.71	104	225150	21.25	ug/l	97
71) Bromoform	10.86	173	56492	19.66	ug/l	100
73) Isopropylbenzene	11.02	105	364953	20.98	ug/l	97
74) N-amyl acetate	6.46	43	161738	19.77	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	124196	20.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	109269m	21.20	ug/l	
77) Bromobenzene	11.26	156	96629	20.15	ug/l	99
78) n-propylbenzene	11.36	91	416415	21.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	252859	21.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	300397	21.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29164	17.51	ug/l	95
82) 4-Chlorotoluene	11.51	91	284314	20.28	ug/l	99
83) tert-Butylbenzene	11.77	119	295523	20.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313765	21.27	ug/l	99
85) sec-Butylbenzene	11.94	105	349750	20.81	ug/l	100
86) p-Isopropyltoluene	12.07	119	315850	20.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	178447	19.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	182108	19.35	ug/l	99
89) n-Butylbenzene	12.39	91	239059	19.94	ug/l	97
90) Hexachloroethane	12.60	117	41965	18.43	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	169805	20.59	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20738	19.42	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
Data File : VX004048.D
Acq On : 15 Aug 2018 00:48
Operator : JC/MD
Sample : VX0814WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS02

Manual Integrations
APPROVED

MMDadoda
8/15/2018 4:49:56 PM

Quant Time: Aug 15 14:44:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107568	19.08	ug/l	97
94) Hexachlorobutadiene	13.79	225	50567	17.89	ug/l	96
95) Naphthalene	13.83	128	343869	19.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118964	19.35	ug/l	99

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

