

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002261.D
 Acq On : 04 Jun 2018 15:41
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:05 PM

Quant Time: Jun 05 05:11:14 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	246536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	201741	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.51	113	152344	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
50) Toluene-d8	8.72	98	599693	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	11.14	95	222619	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66466	21.028	ug/l	99
3) Chloromethane	1.33	50	79176	20.147	ug/l	100
4) Vinyl Chloride	1.41	62	80792	20.281	ug/l	99
5) Bromomethane	1.64	94	53456	21.832	ug/l	100
6) Chloroethane	1.73	64	50317	19.526	ug/l	97
7) Trichlorofluoromethane	1.93	101	127394	20.989	ug/l	98
8) Diethyl Ether	2.20	74	45327	19.556	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71083	21.702	ug/l	99
10) Methyl Iodide	2.52	142	66227	14.375	ug/l	98
11) Tert butyl alcohol	3.07	59	93860	92.889	ug/l	98
12) 1,1-Dichloroethene	2.38	96	64240	19.846	ug/l	98
13) Acrolein	2.30	56	44502	97.112	ug/l	99
14) Allyl chloride	2.73	41	130999	18.648	ug/l	100
15) Acrylonitrile	3.15	53	193157	98.508	ug/l	100
16) Acetone	2.45	43	200796	95.532	ug/l	100
17) Carbon Disulfide	2.57	76	159796	18.730	ug/l	99
18) Methyl Acetate	2.78	43	91811	19.427	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	235242	19.407	ug/l	97
20) Methylene Chloride	2.86	84	72318	19.340	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68078	19.072	ug/l	98
22) Diisopropyl ether	3.88	45	248412	20.284	ug/l	98
23) Vinyl Acetate	3.83	43	1086822	95.437	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132649	19.106	ug/l	98
25) 2-Butanone	4.71	43	271200	90.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100588	18.534	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	70887	18.260	ug/l	96
28) Bromochloromethane	5.03	49	65064	19.891	ug/l	99
29) Tetrahydrofuran	5.17	42	175344	91.222	ug/l	99
30) Chloroform	5.22	83	123757	18.472	ug/l	97
31) Cyclohexane	5.58	56	112908	20.566	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	110049	19.369	ug/l	99
36) 1,1-Dichloropropene	5.81	75	92069	20.051	ug/l	99
37) Ethyl Acetate	4.87	43	106129	19.219	ug/l	99
38) Carbon Tetrachloride	5.79	117	96137	20.014	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002261.D
 Acq On : 04 Jun 2018 15:41
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:05 PM

Quant Time: Jun 05 05:11:14 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	113445	20.156	ug/l	98
40) Benzene	6.15	78	276501	19.639	ug/l	100
41) Methacrylonitrile	5.07	41	59485	18.818	ug/l	100
42) 1,2-Dichloroethane	6.20	62	108156	19.336	ug/l	100
43) Isopropyl Acetate	6.47	43	173531	18.502	ug/l	100
44) Trichloroethene	7.22	130	78297	20.038	ug/l	97
45) 1,2-Dichloropropane	7.52	63	71122	18.712	ug/l	100
46) Dibromomethane	7.67	93	48072	18.657	ug/l	100
47) Bromodichloromethane	7.90	83	86074	18.471	ug/l	98
48) Methyl methacrylate	7.78	41	89675	19.034	ug/l	99
49) 1,4-Dioxane	7.76	88	34965	396.928	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	555637	95.130	ug/l	100
52) Toluene	8.79	92	178011	19.880	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	105718	18.918	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	97910	18.571	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69562	18.888	ug/l	99
56) Ethyl methacrylate	9.18	69	109383	18.603	ug/l	99
57) 1,3-Dichloropropane	9.38	76	117368	18.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	260078	95.568	ug/l	100
59) 2-Hexanone	9.50	43	434121	96.226	ug/l	100
60) Dibromochloromethane	9.59	129	67532	18.230	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72980	19.005	ug/l	99
64) Tetrachloroethene	9.34	164	87175	20.564	ug/l	99
65) Chlorobenzene	10.14	112	201265	19.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70691	19.088	ug/l	100
67) Ethyl Benzene	10.26	91	347994	20.331	ug/l	99
68) m/p-Xylenes	10.37	106	265310	39.875	ug/l	100
69) o-Xylene	10.70	106	130924	19.773	ug/l	99
70) Styrene	10.72	104	211639	19.552	ug/l	99
71) Bromoform	10.86	173	50919	17.748	ug/l #	100
73) Isopropylbenzene	11.02	105	353645	20.620	ug/l	100
74) N-amyl acetate	6.47	43	173531	18.778	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	100409	18.615	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	104421m	19.303	ug/l	
77) Bromobenzene	11.26	156	93629	19.446	ug/l	100
78) n-propylbenzene	11.37	91	399488	20.957	ug/l	100
79) 2-Chlorotoluene	11.43	91	237135	19.701	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	297333	20.213	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26820	17.379	ug/l	93
82) 4-Chlorotoluene	11.51	91	276263	19.885	ug/l	99
83) tert-Butylbenzene	11.77	119	289803	20.231	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	306000	20.208	ug/l	100
85) sec-Butylbenzene	11.95	105	356651	21.238	ug/l	99
86) p-Isopropyltoluene	12.07	119	320396	20.946	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	166745	19.369	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	172027	19.386	ug/l	99
89) n-Butylbenzene	12.39	91	270261	21.067	ug/l	100
90) Hexachloroethane	12.60	117	45562	18.660	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172602	19.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22433	19.018	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
Data File : VX002261.D
Acq On : 04 Jun 2018 15:41
Operator : JC/MD
Sample : VX0604WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:05 PM

Quant Time: Jun 05 05:11:14 2018
Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122295	19.581	ug/l	100
94) Hexachlorobutadiene	13.79	225	66043	21.399	ug/l	99
95) Naphthalene	13.84	128	354364	19.747	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127194	19.969	ug/l	99

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

