

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003883.D
 Acq On : 07 Aug 2018 16:32
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:01:28 PM

Quant Time: Aug 08 02:04:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	347723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	482550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	231875	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	5.51	113	190701	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	745792	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	271945	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69608	19.75	ug/l	97
3) Chloromethane	1.32	50	90584	18.89	ug/l	100
4) Vinyl Chloride	1.40	62	93526	19.56	ug/l	99
5) Bromomethane	1.64	94	59899	21.41	ug/l	99
6) Chloroethane	1.72	64	78583	25.69	ug/l	96
7) Trichlorofluoromethane	1.93	101	122751	19.45	ug/l	97
8) Diethyl Ether	2.19	74	54712	19.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75864	19.23	ug/l	99
10) Methyl Iodide	2.51	142	92631	18.87	ug/l	99
11) Tert butyl alcohol	3.07	59	109174	98.57	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70569	18.91	ug/l	98
13) Acrolein	2.29	56	54187	90.87	ug/l	99
14) Allyl chloride	2.73	41	142017	19.74	ug/l	100
15) Acrylonitrile	3.15	53	257571	97.46	ug/l	99
16) Acetone	2.45	43	278732	101.64	ug/l	100
17) Carbon Disulfide	2.57	76	194985	18.71	ug/l	100
18) Methyl Acetate	2.78	43	121173	20.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	260251	19.68	ug/l	100
20) Methylene Chloride	2.85	84	86341	18.84	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	79077	18.66	ug/l	98
22) Diisopropyl ether	3.87	45	254721	19.26	ug/l	98
23) Vinyl Acetate	3.82	43	1071221	97.35	ug/l	100
24) 1,1-Dichloroethane	3.70	63	154275	19.64	ug/l	99
25) 2-Butanone	4.71	43	411673	99.85	ug/l	99
26) 2,2-Dichloropropane	4.59	77	112603	19.88	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	87635	19.06	ug/l	99
28) Bromochloromethane	5.02	49	68487	20.37	ug/l	100
29) Tetrahydrofuran	5.17	42	207597	97.96	ug/l	99
30) Chloroform	5.22	83	145954	19.74	ug/l	100
31) Cyclohexane	5.57	56	125325	18.86	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	122688	19.78	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108536	19.02	ug/l	100
37) Ethyl Acetate	4.86	43	122142	19.45	ug/l	100
38) Carbon Tetrachloride	5.78	117	104038	19.15	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003883.D
 Acq On : 07 Aug 2018 16:32
 Operator : JC/MD
 Sample : VX0807WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:01:28 PM

Quant Time: Aug 08 02:04:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125388	18.63	ug/l	99
40) Benzene	6.14	78	335152	19.56	ug/l	100
41) Methacrylonitrile	5.06	41	66841	19.33	ug/l	99
42) 1,2-Dichloroethane	6.20	62	116193	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	183016	19.37	ug/l	100
44) Trichloroethene	7.21	130	88090	18.79	ug/l	100
45) 1,2-Dichloropropane	7.52	63	86825	19.62	ug/l	99
46) Dibromomethane	7.66	93	55452	19.30	ug/l	99
47) Bromodichloromethane	7.90	83	103239	19.07	ug/l	99
48) Methyl methacrylate	7.78	41	93089	19.38	ug/l	100
49) 1,4-Dioxane	7.76	88	44005	388.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	793432	101.31	ug/l	100
52) Toluene	8.79	92	215515	19.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115833	18.93	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	127919	19.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	86719	19.60	ug/l	99
56) Ethyl methacrylate	9.18	69	121421	18.91	ug/l	98
57) 1,3-Dichloropropane	9.37	76	145894	19.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	322791	102.24	ug/l	99
59) 2-Hexanone	9.50	43	609057	104.04	ug/l	99
60) Dibromochloromethane	9.59	129	81330	19.71	ug/l	100
61) 1,2-Dibromoethane	9.68	107	89240	20.14	ug/l	99
64) Tetrachloroethene	9.34	164	82366	17.35	ug/l	95
65) Chlorobenzene	10.14	112	236140	18.81	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	82992	19.23	ug/l	99
67) Ethyl Benzene	10.26	91	390640	19.01	ug/l	99
68) m/p-Xylenes	10.36	106	312057	38.86	ug/l	97
69) o-Xylene	10.70	106	146787	19.36	ug/l	95
70) Styrene	10.71	104	248037	19.98	ug/l	98
71) Bromoform	10.86	173	61091	18.63	ug/l	100
73) Isopropylbenzene	11.02	105	397493	21.58	ug/l	96
74) N-amyl acetate	6.47	43	183016	19.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	136006	21.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	121217m	22.04	ug/l	
77) Bromobenzene	11.26	156	105131	21.40	ug/l	100
78) n-propylbenzene	11.36	91	455923	22.04	ug/l	100
79) 2-Chlorotoluene	11.42	91	271294	21.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	331098	22.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36672	19.55	ug/l	96
82) 4-Chlorotoluene	11.51	91	317900	21.52	ug/l	99
83) tert-Butylbenzene	11.77	119	320879	21.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	346042	22.92	ug/l	100
85) sec-Butylbenzene	11.95	105	363065	20.82	ug/l	98
86) p-Isopropyltoluene	12.07	119	313104	20.01	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	180257	19.85	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	180661	20.59	ug/l	98
89) n-Butylbenzene	12.39	91	257445	18.88	ug/l	98
90) Hexachloroethane	12.60	117	47555	18.72	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172885	19.20	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23116	17.88	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003883.D
Acq On : 07 Aug 2018 16:32
Operator : JC/MD
Sample : VX0807WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD01

Manual Integrations
APPROVED

MMDadoda
8/8/2018 12:01:28 PM

Quant Time: Aug 08 02:04:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	134423	20.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	63231	22.38	ug/l	100
95) Naphthalene	13.83	128	415122	22.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142780	22.10	ug/l	100

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

