

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005359.D
 Acq On : 16 Oct 2018 10:06
 Operator : JC/MD
 Sample : VX1016WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:26 AM

Quant Time: Oct 17 05:22:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141061	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	116029	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	430533	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	11.14	95	157343	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38713	19.393	ug/l	96
3) Chloromethane	1.32	50	64056	22.145	ug/l #	83
4) Vinyl Chloride	1.40	62	56023	19.119	ug/l	95
5) Bromomethane	1.64	94	34600	21.247	ug/l	99
6) Chloroethane	1.71	64	35494	19.515	ug/l	98
7) Trichlorofluoromethane	1.92	101	77321	19.774	ug/l	96
8) Diethyl Ether	2.19	74	32195	19.281	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47734	21.150	ug/l	96
10) Methyl Iodide	2.51	142	50099	21.726	ug/l	99
11) Tert butyl alcohol	3.07	59	79723	99.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43917	19.639	ug/l	96
13) Acrolein	2.29	56	35195	67.421	ug/l	94
14) Allyl chloride	2.73	41	94088	19.164	ug/l	96
15) Acrylonitrile	3.15	53	168338	92.936	ug/l	98
16) Acetone	2.45	43	154241	94.143	ug/l	93
17) Carbon Disulfide	2.57	76	121857	17.989	ug/l	99
18) Methyl Acetate	2.78	43	92199	19.780	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	159652	20.272	ug/l	98
20) Methylene Chloride	2.86	84	54588	22.137	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	47904	19.331	ug/l	95
22) Diisopropyl ether	3.87	45	151886	18.419	ug/l	90
23) Vinyl Acetate	3.82	43	690656	95.825	ug/l	96
24) 1,1-Dichloroethane	3.69	63	99888	21.136	ug/l	95
25) 2-Butanone	4.70	43	219408	91.529	ug/l	94
26) 2,2-Dichloropropane	4.58	77	67182	19.007	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	52534	19.506	ug/l	98
28) Bromochloromethane	5.02	49	44260	20.544	ug/l	92
29) Tetrahydrofuran	5.15	42	140599	91.951	ug/l	95
30) Chloroform	5.21	83	88098	20.083	ug/l	96
31) Cyclohexane	5.58	56	73527	18.876	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	75375	19.748	ug/l	98
36) 1,1-Dichloropropene	5.80	75	63201	18.310	ug/l	99
37) Ethyl Acetate	4.86	43	81554	18.372	ug/l	98
38) Carbon Tetrachloride	5.78	117	66030	19.039	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005359.D
 Acq On : 16 Oct 2018 10:06
 Operator : JC/MD
 Sample : VX1016WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:34:26 AM

Quant Time: Oct 17 05:22:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68586	18.360	ug/l	98
40) Benzene	6.14	78	188453	18.200	ug/l #	84
41) Methacrylonitrile	5.07	41	43909	18.451	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68361	18.698	ug/l	97
43) Isopropyl Acetate	6.46	43	112022	18.945	ug/l	98
44) Trichloroethene	7.21	130	52378	19.431	ug/l	99
45) 1,2-Dichloropropane	7.51	63	47833	18.833	ug/l	99
46) Dibromomethane	7.66	93	32441	19.352	ug/l	97
47) Bromodichloromethane	7.90	83	61869	19.953	ug/l	100
48) Methyl methacrylate	7.77	41	57277	18.676	ug/l	97
49) 1,4-Dioxane	7.76	88	27532	389.226	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	406533	99.293	ug/l	94
52) Toluene	8.79	92	119323	21.064	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67314	20.060	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	74097	20.379	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	49045	20.441	ug/l	97
56) Ethyl methacrylate	9.18	69	69754	19.943	ug/l	95
57) 1,3-Dichloropropane	9.37	76	80152	20.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207775	105.921	ug/l	95
59) 2-Hexanone	9.49	43	319571	97.032	ug/l	94
60) Dibromochloromethane	9.59	129	50340	20.298	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51384	20.407	ug/l	98
64) Tetrachloroethene	9.34	164	55023	20.456	ug/l	98
65) Chlorobenzene	10.14	112	134282	18.894	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	48162	19.016	ug/l	99
67) Ethyl Benzene	10.25	91	219063	18.960	ug/l	98
68) m/p-Xylenes	10.36	106	174846	38.990	ug/l	96
69) o-Xylene	10.70	106	83039	19.200	ug/l	97
70) Styrene	10.71	104	138887	19.524	ug/l	97
71) Bromoform	10.86	173	41657	18.406	ug/l #	99
73) Isopropylbenzene	11.02	105	230505	20.409	ug/l	98
74) N-amyl acetate	10.90	43	101028	18.546	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	79220	18.594	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74493m	20.213	ug/l	
77) Bromobenzene	11.26	156	63012	19.512	ug/l	100
78) n-propylbenzene	11.36	91	262229	20.176	ug/l	100
79) 2-Chlorotoluene	11.42	91	158378	19.897	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	192983	19.953	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21828	17.997	ug/l	97
82) 4-Chlorotoluene	11.51	91	184462	19.549	ug/l	99
83) tert-Butylbenzene	11.77	119	191793	19.582	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	201998	20.294	ug/l	98
85) sec-Butylbenzene	11.94	105	232120	20.026	ug/l	99
86) p-Isopropyltoluene	12.07	119	210535	20.096	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116998	19.388	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118921	19.264	ug/l	97
89) n-Butylbenzene	12.39	91	180057	18.929	ug/l	98
90) Hexachloroethane	12.60	117	32964	18.258	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	118425	19.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19014	18.295	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
Data File : VX005359.D
Acq On : 16 Oct 2018 10:06
Operator : JC/MD
Sample : VX1016WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBSD01

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:34:26 AM

Quant Time: Oct 17 05:22:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87735	19.419	ug/l	100
94) Hexachlorobutadiene	13.79	225	45740	19.169	ug/l	97
95) Naphthalene	13.83	128	255335	19.487	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91555	19.805	ug/l	98

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

