

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002346.D
 Acq On : 06 Jun 2018 12:23
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2018 11:36:14 AM

Quant Time: Jun 07 04:03:29 2018
 Quant Method : Z:\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	268047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	383663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199622	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	5.51	113	146441	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.72	98	575537	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	216405	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54662	19.62	ug/l	98
3) Chloromethane	1.32	50	60867	17.18	ug/l	99
4) Vinyl Chloride	1.41	62	65057	18.53	ug/l	99
5) Bromomethane	1.64	94	37680	16.74	ug/l	98
6) Chloroethane	1.73	64	45067	19.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	110566	20.66	ug/l	98
8) Diethyl Ether	2.19	74	41311	20.30	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64821	22.45	ug/l	99
10) Methyl Iodide	2.51	142	52912	13.03	ug/l	97
11) Tert butyl alcohol	3.06	59	83067	93.34	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54557	19.12	ug/l	96
13) Acrolein	2.29	56	28645	68.17	ug/l	100
14) Allyl chloride	2.73	41	109900	17.75	ug/l	99
15) Acrylonitrile	3.15	53	173620	100.64	ug/l	100
16) Acetone	2.45	43	185912	101.38	ug/l	100
17) Carbon Disulfide	2.57	76	121969	16.22	ug/l	97
18) Methyl Acetate	2.78	43	82982	19.99	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	212707	19.97	ug/l	100
20) Methylene Chloride	2.86	84	64593	19.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	58358	18.55	ug/l	100
22) Diisopropyl ether	3.87	45	225348	20.92	ug/l	94
23) Vinyl Acetate	3.82	43	984143	98.03	ug/l	100
24) 1,1-Dichloroethane	3.70	63	117201	19.15	ug/l	99
25) 2-Butanone	4.71	43	231681	88.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77836	16.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58426	17.07	ug/l	95
28) Bromochloromethane	5.02	49	58087	20.19	ug/l	100
29) Tetrahydrofuran	5.17	42	144795	85.45	ug/l	99
30) Chloroform	5.22	83	102770	17.40	ug/l	97
31) Cyclohexane	5.58	56	90795	18.76	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	87352	17.44	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74074	18.37	ug/l	99
37) Ethyl Acetate	4.86	43	88338	18.21	ug/l	100
38) Carbon Tetrachloride	5.79	117	75351	17.86	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002346.D
 Acq On : 06 Jun 2018 12:23
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2018 11:36:14 AM

Quant Time: Jun 07 04:03:29 2018
 Quant Method : Z:\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	95528	19.33	ug/l	98
40) Benzene	6.15	78	225659	18.25	ug/l	99
41) Methacrylonitrile	5.07	41	49767	17.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92799	18.89	ug/l	100
43) Isopropyl Acetate	6.47	43	146436	17.77	ug/l	100
44) Trichloroethene	7.22	130	63601	18.53	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61659	18.47	ug/l	95
46) Dibromomethane	7.67	93	40821	18.04	ug/l	99
47) Bromodichloromethane	7.90	83	71438	17.45	ug/l	97
48) Methyl methacrylate	7.78	41	74261	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	28665	370.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476183	92.81	ug/l	99
52) Toluene	8.79	92	148775	18.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85828	17.48	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	77956	16.83	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61859	19.12	ug/l	95
56) Ethyl methacrylate	9.18	69	95060	18.41	ug/l	99
57) 1,3-Dichloropropane	9.38	76	101523	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	226686	94.83	ug/l	99
59) 2-Hexanone	9.50	43	370892	93.59	ug/l	100
60) Dibromochloromethane	9.59	129	56067	17.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64043	18.99	ug/l	98
64) Tetrachloroethene	9.34	164	72106	18.85	ug/l	98
65) Chlorobenzene	10.14	112	172268	18.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	58399	17.48	ug/l	98
67) Ethyl Benzene	10.26	91	293486	19.01	ug/l	99
68) m/p-Xylenes	10.36	106	226910	37.80	ug/l	99
69) o-Xylene	10.70	106	112084	18.76	ug/l	99
70) Styrene	10.71	104	181780	18.61	ug/l	99
71) Bromoform	10.86	173	40945	16.19	ug/l #	99
73) Isopropylbenzene	11.02	105	303249	18.70	ug/l	99
74) N-amyl acetate	6.47	43	146436	16.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89765	17.60	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	90008m	17.60	ug/l	
77) Bromobenzene	11.26	156	81035	17.80	ug/l	99
78) n-propylbenzene	11.37	91	348290	19.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	203763	17.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	258858	18.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20460	14.02	ug/l	86
82) 4-Chlorotoluene	11.51	91	240546	18.31	ug/l	100
83) tert-Butylbenzene	11.77	119	248918	18.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266532	18.62	ug/l	98
85) sec-Butylbenzene	11.95	105	314775	19.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	282524	19.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148558	18.25	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151922	18.11	ug/l	100
89) n-Butylbenzene	12.39	91	243856	20.11	ug/l	100
90) Hexachloroethane	12.60	117	36455	15.79	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	153504	18.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18180	16.30	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002346.D
Acq On : 06 Jun 2018 12:23
Operator : JC/MD
Sample : VX0606WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

Manual Integrations
APPROVED

MMDadoda
6/7/2018 11:36:14 AM

Quant Time: Jun 07 04:03:29 2018
Quant Method : Z:\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	111476	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	59299	20.32	ug/l	99
95) Naphthalene	13.84	128	312431	18.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113351	18.82	ug/l	100

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

