

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:23 PM

Quant Time: Mar 16 02:55:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	210539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118352	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	74534	42.22	ug/l	0.00
Spiked Amount			Recovery	=	84.44%	
35) Dibromofluoromethane	5.51	113	57942	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
50) Toluene-d8	8.73	98	230279	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	
62) 4-Bromofluorobenzene	11.15	95	88900	40.01	ug/l	0.00
Spiked Amount			Recovery	=	80.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20710	15.06	ug/l	93
3) Chloromethane	1.32	50	23040	16.44	ug/l	88
4) Vinyl Chloride	1.41	62	25852	16.47	ug/l	98
5) Bromomethane	1.65	94	22335	12.75	ug/l	96
6) Chloroethane	1.73	64	17463	15.65	ug/l	99
7) Trichlorofluoromethane	1.93	101	46693	17.13	ug/l	97
8) Diethyl Ether	2.20	74	15871	16.35	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25427	17.32	ug/l	97
10) Methyl Iodide	2.52	142	20112	13.56	ug/l	97
11) Tert butyl alcohol	3.07	59	52307	91.57	ug/l	99
12) 1,1-Dichloroethene	2.38	96	23694	17.01	ug/l	98
13) Acrolein	2.30	56	23827	96.95	ug/l	99
14) Allyl chloride	2.73	41	42754	17.21	ug/l	97
15) Acrylonitrile	3.15	53	98361	89.30	ug/l	99
16) Acetone	2.45	43	109505	92.90	ug/l	95
17) Carbon Disulfide	2.57	76	58423	14.36	ug/l	99
18) Methyl Acetate	2.78	43	48254	18.29	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	87329	17.81	ug/l	99
20) Methylene Chloride	2.87	84	26731	17.52	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	24360	15.82	ug/l	91
22) Diisopropyl ether	3.89	45	80598	19.49	ug/l	92
23) Vinyl Acetate	3.83	43	391007	99.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	46336	17.81	ug/l	99
25) 2-Butanone	4.71	43	133260	94.59	ug/l	97
26) 2,2-Dichloropropane	4.59	77	31908	17.00	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	24037	17.09	ug/l	97
28) Bromochloromethane	5.03	49	20719	18.95	ug/l	100
29) Tetrahydrofuran	5.18	42	82126	90.57	ug/l	98
30) Chloroform	5.23	83	43040	17.53	ug/l	96
31) Cyclohexane	5.59	56	32673	16.37	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	37961	17.49	ug/l	98
36) 1,1-Dichloropropene	5.81	75	32183	16.82	ug/l	98
37) Ethyl Acetate	4.87	43	45154	17.76	ug/l	98
38) Carbon Tetrachloride	5.80	117	31276	16.22	ug/l	95

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000327.D
 Acq On : 15 Mar 2018 14:37
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0315WBS01

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:23 PM

Quant Time: Mar 16 02:55:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	36181	16.22	ug/l	91
40) Benzene	6.15	78	92886	17.11	ug/l	99
41) Methacrylonitrile	5.07	41	23589	17.67	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37217	17.30	ug/l	99
43) Isopropyl Acetate	6.48	43	67065	18.28	ug/l	98
44) Trichloroethene	7.23	130	26773	17.02	ug/l	97
45) 1,2-Dichloropropane	7.53	63	24683	18.44	ug/l	100
46) Dibromomethane	7.67	93	18992	17.66	ug/l	100
47) Bromodichloromethane	7.91	83	34574	18.11	ug/l	96
48) Methyl methacrylate	7.79	41	33768	18.20	ug/l	99
49) 1,4-Dioxane	7.76	88	14802	354.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	261739	91.85	ug/l	98
52) Toluene	8.79	92	64358	16.88	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	39789	18.06	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	38687	17.96	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	27373	17.89	ug/l	98
56) Ethyl methacrylate	9.19	69	41211	18.19	ug/l	99
57) 1,3-Dichloropropane	9.38	76	44971	18.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	108058	114.72	ug/l	100
59) 2-Hexanone	9.51	43	221102	92.09	ug/l	98
60) Dibromochloromethane	9.59	129	26859	16.60	ug/l	92
61) 1,2-Dibromoethane	9.68	107	28384	16.74	ug/l	98
64) Tetrachloroethene	9.34	164	26151	18.26	ug/l	98
65) Chlorobenzene	10.15	112	75366	17.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25185	17.75	ug/l	97
67) Ethyl Benzene	10.26	91	129041	17.94	ug/l	97
68) m/p-Xylenes	10.37	106	100088	35.72	ug/l	98
69) o-Xylene	10.71	106	48516	17.82	ug/l	99
70) Styrene	10.72	104	82131	18.18	ug/l	96
71) Bromoform	10.87	173	21212	17.67	ug/l #	97
73) Isopropylbenzene	11.02	105	132784	18.63	ug/l	99
74) N-amyl acetate	6.48	43	67065	19.65	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47666	18.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	43892m	19.25	ug/l	
77) Bromobenzene	11.26	156	34067	18.21	ug/l	97
78) n-propylbenzene	11.37	91	156877	18.25	ug/l	99
79) 2-Chlorotoluene	11.43	91	88406	18.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	110452	18.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	12499	17.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	111369	18.58	ug/l	99
83) tert-Butylbenzene	11.78	119	109662	18.51	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	115654	18.53	ug/l	98
85) sec-Butylbenzene	11.96	105	140021	18.88	ug/l	99
86) p-Isopropyltoluene	12.07	119	125754	19.05	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	63830	17.38	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	66949	17.55	ug/l	96
89) n-Butylbenzene	12.40	91	119857	18.68	ug/l	99
90) Hexachloroethane	12.60	117	18773	17.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	63702	17.91	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13603	19.80	ug/l	89

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
Data File : VX000327.D
Acq On : 15 Mar 2018 14:37
Operator : JC/MD
Sample : VX0315WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBS01

Manual Integrations
APPROVED

apatel
3/16/2018 3:43:23 PM

Quant Time: Mar 16 02:55:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	48914	19.09	ug/l	98
94) Hexachlorobutadiene	13.79	225	19187	18.99	ug/l	96
95) Naphthalene	13.84	128	168574	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47337	18.29	ug/l	98

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

