

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000482.D
 Acq On : 28 Mar 2018 12:13
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:40 AM

Quant Time: Mar 29 04:24:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	132861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	222186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124623	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	75088	43.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.60%	
35) Dibromofluoromethane	5.51	113	59758	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	8.72	98	253561	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.15	95	98203	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28859	19.71	ug/l	98
3) Chloromethane	1.32	50	29448	19.09	ug/l	97
4) Vinyl Chloride	1.40	62	34591	21.22	ug/l	97
5) Bromomethane	1.64	94	26089	13.40	ug/l	91
6) Chloroethane	1.73	64	22461	24.29	ug/l	90
7) Trichlorofluoromethane	1.93	101	60362	20.52	ug/l	99
8) Diethyl Ether	2.19	74	20682	19.67	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33714	20.55	ug/l	97
10) Methyl Iodide	2.51	142	18691	14.79	ug/l	99
11) Tert butyl alcohol	3.06	59	61322	102.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30174	20.95	ug/l	94
13) Acrolein	2.29	56	16614	96.72	ug/l	96
14) Allyl chloride	2.73	41	53855	21.12	ug/l	97
15) Acrylonitrile	3.15	53	121675	100.70	ug/l	99
16) Acetone	2.45	43	152566	105.75	ug/l	97
17) Carbon Disulfide	2.57	76	78070	20.39	ug/l	99
18) Methyl Acetate	2.78	43	60868	20.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	106930	20.08	ug/l	94
20) Methylene Chloride	2.86	84	32938	19.77	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	32497	20.23	ug/l	96
22) Diisopropyl ether	3.87	45	104236	23.15	ug/l	96
23) Vinyl Acetate	3.83	43	497078	116.47	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59925	21.17	ug/l	99
25) 2-Butanone	4.71	43	162479	100.19	ug/l	98
26) 2,2-Dichloropropane	4.59	77	38881	19.60	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	30487	20.31	ug/l	97
28) Bromochloromethane	5.03	49	17927	15.36	ug/l	98
29) Tetrahydrofuran	5.17	42	96784	97.00	ug/l	99
30) Chloroform	5.23	83	53011	19.98	ug/l	97
31) Cyclohexane	5.59	56	44369	20.28	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47275	19.76	ug/l	96
36) 1,1-Dichloropropene	5.81	75	40534	21.25	ug/l	100
37) Ethyl Acetate	4.87	43	50685	19.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	40223	20.10	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000482.D
 Acq On : 28 Mar 2018 12:13
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0328WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:40 AM

Quant Time: Mar 29 04:24:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51195	22.06	ug/l	95
40) Benzene	6.15	78	118372	21.36	ug/l	100
41) Methacrylonitrile	5.07	41	26684	19.42	ug/l	97
42) 1,2-Dichloroethane	6.21	62	46571	21.42	ug/l	99
43) Isopropyl Acetate	6.48	43	78303	20.18	ug/l	99
44) Trichloroethene	7.22	130	33147	20.88	ug/l	89
45) 1,2-Dichloropropane	7.52	63	31128	21.95	ug/l	98
46) Dibromomethane	7.67	93	23210	20.85	ug/l	97
47) Bromodichloromethane	7.91	83	41505	21.19	ug/l	98
48) Methyl methacrylate	7.79	41	39068	20.74	ug/l	96
49) 1,4-Dioxane	7.77	88	16873	426.21	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	318112	105.94	ug/l	98
52) Toluene	8.79	92	83161	21.47	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	47381	20.88	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	49607	22.53	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	35750	22.44	ug/l	99
56) Ethyl methacrylate	9.19	69	51059	21.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57619	22.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	109371	94.41	ug/l	100
59) 2-Hexanone	9.51	43	279437	109.60	ug/l	98
60) Dibromochloromethane	9.59	129	36031	21.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	38456	22.51	ug/l	98
64) Tetrachloroethene	9.34	164	35147	20.38	ug/l	93
65) Chlorobenzene	10.15	112	100915	20.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	33195	19.77	ug/l	97
67) Ethyl Benzene	10.26	91	173190	20.66	ug/l	99
68) m/p-Xylenes	10.37	106	136659	41.43	ug/l	100
69) o-Xylene	10.71	106	63909	20.01	ug/l	98
70) Styrene	10.72	104	107928	20.42	ug/l	99
71) Bromoform	10.87	173	27487	18.98	ug/l #	98
73) Isopropylbenzene	11.02	105	181843	22.02	ug/l	98
74) N-amyl acetate	6.48	43	78303	19.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	63646	21.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57096m	21.32	ug/l	
77) Bromobenzene	11.26	156	46005	20.91	ug/l	98
78) n-propylbenzene	11.37	91	217932	22.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	121490	21.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	154724	22.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	16203	19.59	ug/l	93
82) 4-Chlorotoluene	11.52	91	148263	21.83	ug/l	100
83) tert-Butylbenzene	11.78	119	150815	21.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	158191	21.73	ug/l	100
85) sec-Butylbenzene	11.96	105	193078	22.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	168201	21.86	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	89425	21.50	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	89406	20.48	ug/l	97
89) n-Butylbenzene	12.40	91	163604	22.84	ug/l	100
90) Hexachloroethane	12.60	117	26383	21.78	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	85478	20.96	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16426	20.17	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
Data File : VX000482.D
Acq On : 28 Mar 2018 12:13
Operator : JC/MD
Sample : VX0328WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBS01

Manual Integrations
APPROVED

MMDadoda
3/29/2018 11:19:40 AM

Quant Time: Mar 29 04:24:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65365	22.36	ug/l	98
94) Hexachlorobutadiene	13.79	225	30055	24.83	ug/l	99
95) Naphthalene	13.84	128	222966	21.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	65154	22.56	ug/l	99

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

