

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002112.D
 Acq On : 30 May 2018 00:39
 Operator : JC/MD
 Sample : VX0529WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:02 PM

Quant Time: May 30 08:32:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	201428	42.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.88%	
35) Dibromofluoromethane	5.51	113	151961	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	
50) Toluene-d8	8.72	98	553399	39.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.06%	
62) 4-Bromofluorobenzene	11.14	95	216877	39.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57812	16.02	ug/l	99
3) Chloromethane	1.32	50	74730	18.29	ug/l	99
4) Vinyl Chloride	1.40	62	74973	19.01	ug/l	99
5) Bromomethane	1.64	94	44183	23.83	ug/l	97
6) Chloroethane	1.73	64	47733	20.53	ug/l	100
7) Trichlorofluoromethane	1.93	101	122064	20.61	ug/l	100
8) Diethyl Ether	2.19	74	48554	22.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68874	20.84	ug/l	96
10) Methyl Iodide	2.51	142	67881	15.18	ug/l	99
11) Tert butyl alcohol	3.07	59	116289	124.83	ug/l	97
12) 1,1-Dichloroethene	2.37	96	63894	20.65	ug/l	94
13) Acrolein	2.30	56	35796	88.87	ug/l	100
14) Allyl chloride	2.73	41	136663	21.04	ug/l	98
15) Acrylonitrile	3.15	53	217359	113.46	ug/l	99
16) Acetone	2.45	43	206939	112.98	ug/l	98
17) Carbon Disulfide	2.57	76	168960	18.97	ug/l	100
18) Methyl Acetate	2.78	43	105278	23.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	255239	21.93	ug/l	100
20) Methylene Chloride	2.86	84	73798	22.35	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68875	21.97	ug/l	96
22) Diisopropyl ether	3.88	45	258117	19.53	ug/l	99
23) Vinyl Acetate	3.83	43	1151354	105.09	ug/l	99
24) 1,1-Dichloroethane	3.70	63	129752	20.67	ug/l	100
25) 2-Butanone	4.71	43	327852	97.66	ug/l	100
26) 2,2-Dichloropropane	4.59	77	87785	13.82	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	75452	18.70	ug/l	96
28) Bromochloromethane	5.03	49	71008	25.94	ug/l	99
29) Tetrahydrofuran	5.17	42	213958	97.96	ug/l	99
30) Chloroform	5.22	83	131454	18.59	ug/l	99
31) Cyclohexane	5.58	56	119353	18.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	118024	17.90	ug/l	99
36) 1,1-Dichloropropene	5.81	75	94874	17.64	ug/l	98
37) Ethyl Acetate	4.87	43	127919	18.24	ug/l	99
38) Carbon Tetrachloride	5.79	117	102073	16.27	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002112.D
 Acq On : 30 May 2018 00:39
 Operator : JC/MD
 Sample : VX0529WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:02 PM

Quant Time: May 30 08:32:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116093	17.57	ug/l	97
40) Benzene	6.15	78	290882	18.46	ug/l	99
41) Methacrylonitrile	5.07	41	71109	18.35	ug/l	99
42) 1,2-Dichloroethane	6.20	62	115685	18.38	ug/l	100
43) Isopropyl Acetate	6.47	43	212567	18.19	ug/l	99
44) Trichloroethene	7.22	130	83472	18.18	ug/l	98
45) 1,2-Dichloropropane	7.52	63	76347	17.84	ug/l	97
46) Dibromomethane	7.67	93	52849	18.65	ug/l	98
47) Bromodichloromethane	7.90	83	99076	16.40	ug/l	100
48) Methyl methacrylate	7.78	41	106765	17.95	ug/l	98
49) 1,4-Dioxane	7.76	88	42440	404.95	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	678818	96.37	ug/l	98
52) Toluene	8.79	92	182432	18.19	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	116797	16.78	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	109780	16.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76718	18.31	ug/l	98
56) Ethyl methacrylate	9.18	69	126256	17.52	ug/l	99
57) 1,3-Dichloropropane	9.38	76	127683	18.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	288312	90.26	ug/l	99
59) 2-Hexanone	9.50	43	516576	95.11	ug/l	99
60) Dibromochloromethane	9.59	129	79016	15.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79935	18.18	ug/l	98
64) Tetrachloroethene	9.34	164	92796	18.13	ug/l	99
65) Chlorobenzene	10.14	112	208557	18.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77471	16.97	ug/l	99
67) Ethyl Benzene	10.26	91	359210	18.28	ug/l	99
68) m/p-Xylenes	10.37	106	275130	36.63	ug/l	99
69) o-Xylene	10.70	106	135610	18.08	ug/l	98
70) Styrene	10.72	104	221807	17.84	ug/l	99
71) Bromoform	10.86	173	62099	14.34	ug/l #	100
73) Isopropylbenzene	11.02	105	363165	18.24	ug/l	100
74) N-amyl acetate	6.47	43	212567	18.60	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	109459	19.32	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	117027m	20.72	ug/l	
77) Bromobenzene	11.26	156	95376	18.05	ug/l	99
78) n-propylbenzene	11.37	91	405757	18.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	246169	18.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	304025	17.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32066	13.64	ug/l	90
82) 4-Chlorotoluene	11.52	91	288191	18.32	ug/l	99
83) tert-Butylbenzene	11.77	119	294937	17.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313803	17.84	ug/l	98
85) sec-Butylbenzene	11.95	105	364368	18.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	323799	18.03	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	172259	18.21	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	175823	18.59	ug/l	100
89) n-Butylbenzene	12.39	91	275570	18.10	ug/l	100
90) Hexachloroethane	12.60	117	51849	14.63	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	178207	18.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	28616	16.16	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002112.D
Acq On : 30 May 2018 00:39
Operator : JC/MD
Sample : VX0529WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBSD02

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:51:02 PM

Quant Time: May 30 08:32:38 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127066	18.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	66062	17.82	ug/l	100
95) Naphthalene	13.84	128	399053	18.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132744	18.61	ug/l	100

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

