

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072118\
 Data File : VX003589.D
 Acq On : 22 Jul 2018 07:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:20:15 PM

Quant Time: Jul 23 07:10:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160897	43.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.32%	
35) Dibromofluoromethane	5.50	113	169343	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	
50) Toluene-d8	8.72	98	565814	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	206038	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	115304	46.60	ug/l	95
3) Chloromethane	1.32	50	161494	52.78	ug/l	99
4) Vinyl Chloride	1.40	62	169508	42.86	ug/l	98
5) Bromomethane	1.64	94	76711	48.69	ug/l	97
6) Chloroethane	1.72	64	109926	46.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	241118	45.70	ug/l	95
8) Diethyl Ether	2.19	74	105010	46.34	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	150205	43.49	ug/l	96
10) Methyl Iodide	2.51	142	217714	52.48	ug/l	92
11) Tert butyl alcohol	3.07	59	194428	266.62	ug/l	99
12) 1,1-Dichloroethene	2.37	96	144447	45.43	ug/l	92
13) Acrolein	2.30	56	62238	188.89	ug/l	95
14) Allyl chloride	2.73	41	261341	46.43	ug/l #	84
15) Acrylonitrile	3.15	53	445907	240.18	ug/l	96
16) Acetone	2.45	43	367060	263.69	ug/l	100
17) Carbon Disulfide	2.57	76	398860	46.38	ug/l	97
18) Methyl Acetate	2.78	43	216126	49.25	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	499107	48.07	ug/l	96
20) Methylene Chloride	2.86	84	171845	50.50	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	163427	46.19	ug/l #	78
22) Diisopropyl ether	3.87	45	561954	53.05	ug/l #	89
23) Vinyl Acetate	3.83	43	2159375	247.50	ug/l	98
24) 1,1-Dichloroethane	3.70	63	325157	52.32	ug/l	99
25) 2-Butanone	4.71	43	592101	253.52	ug/l	91
26) 2,2-Dichloropropane	4.59	77	137326	29.09	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	205954	52.28	ug/l	87
28) Bromochloromethane	5.03	49	131247	48.32	ug/l #	79
29) Tetrahydrofuran	5.16	42	377601	244.74	ug/l #	83
30) Chloroform	5.22	83	320220	52.77	ug/l	99
31) Cyclohexane	5.57	56	253672	45.69	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	252612	48.61	ug/l	94
36) 1,1-Dichloropropene	5.80	75	207118	49.51	ug/l	96
37) Ethyl Acetate	4.86	43	229137	57.89	ug/l #	95
38) Carbon Tetrachloride	5.78	117	224940	54.82	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003589.D
 Acq On : 22 Jul 2018 07:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:20:15 PM

Quant Time: Jul 23 07:10:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241329	48.71	ug/l	93
40) Benzene	6.14	78	653701	51.76	ug/l	96
41) Methacrylonitrile	5.07	41	130011	55.88	ug/l	92
42) 1,2-Dichloroethane	6.21	62	217340	54.62	ug/l	96
43) Isopropyl Acetate	6.46	43	316521	50.27	ug/l #	92
44) Trichloroethene	7.22	130	192269	51.05	ug/l	89
45) 1,2-Dichloropropane	7.52	63	163178	50.88	ug/l	100
46) Dibromomethane	7.67	93	106700	51.68	ug/l	92
47) Bromodichloromethane	7.90	83	200174	52.96	ug/l	98
48) Methyl methacrylate	7.78	41	163464	51.48	ug/l #	82
49) 1,4-Dioxane	7.76	88	77104	1071.64	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	1057350	265.80	ug/l	91
52) Toluene	8.79	92	405534	51.01	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226821	48.75	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	203887	48.73	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	162446	51.35	ug/l	99
56) Ethyl methacrylate	9.18	69	238167	53.45	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	262909	51.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	546569	252.26	ug/l	96
59) 2-Hexanone	9.50	43	783972	265.99	ug/l	87
60) Dibromochloromethane	9.59	129	169920	54.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171248	52.22	ug/l	99
64) Tetrachloroethene	9.34	164	229586	51.27	ug/l	97
65) Chlorobenzene	10.14	112	466408	49.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169979	52.17	ug/l	99
67) Ethyl Benzene	10.26	91	772966	50.77	ug/l	99
68) m/p-Xylenes	10.36	106	607501	101.78	ug/l	96
69) o-Xylene	10.70	106	295223	51.15	ug/l	95
70) Styrene	10.71	104	499592	52.62	ug/l	96
71) Bromoform	10.86	173	137018	54.13	ug/l #	100
73) Isopropylbenzene	11.02	105	789363	50.08	ug/l	99
74) N-amyl acetate	6.46	43	316521	47.29	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	227162	49.18	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	228997m	55.93	ug/l	
77) Bromobenzene	11.26	156	220969	48.74	ug/l	95
78) n-propylbenzene	11.36	91	878318	50.13	ug/l	98
79) 2-Chlorotoluene	11.42	91	522395	49.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	655378	50.60	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	55372	38.96	ug/l	89
82) 4-Chlorotoluene	11.51	91	607941	48.78	ug/l	96
83) tert-Butylbenzene	11.77	119	631616	49.79	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	673704	51.11	ug/l	96
85) sec-Butylbenzene	11.95	105	769797	49.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	700211	50.64	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	399593	47.95	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	402591	46.90	ug/l	98
89) n-Butylbenzene	12.39	91	569117	48.47	ug/l	98
90) Hexachloroethane	12.60	117	97771	49.74	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	404506	49.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46510	51.74	ug/l	84

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072118\
Data File : VX003589.D
Acq On : 22 Jul 2018 07:40
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/23/2018 3:20:15 PM

Quant Time: Jul 23 07:10:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293323	48.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	137333	47.44	ug/l	99
95) Naphthalene	13.83	128	825840	52.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298001	50.01	ug/l	99

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

