

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003617.D
 Acq On : 23 Jul 2018 21:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:54:41 PM

Quant Time: Jul 24 08:28:50 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	266872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155289	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.51	113	148126	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	8.72	98	547867	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	202699	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	106590	50.31	ug/l	98
3) Chloromethane	1.32	50	137569	52.44	ug/l	99
4) Vinyl Chloride	1.40	62	157051	46.32	ug/l	99
5) Bromomethane	1.64	94	95734	72.08	ug/l	99
6) Chloroethane	1.72	64	97072	48.39	ug/l	99
7) Trichlorofluoromethane	1.92	101	218876	48.39	ug/l	99
8) Diethyl Ether	2.19	74	92092	47.41	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138723	46.86	ug/l	95
10) Methyl Iodide	2.51	142	196607	55.28	ug/l	92
11) Tert butyl alcohol	3.08	59	172489	275.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131149	48.11	ug/l	86
13) Acrolein	2.29	56	47360	167.68	ug/l	97
14) Allyl chloride	2.73	41	223480	46.32	ug/l	86
15) Acrylonitrile	3.15	53	401487	252.27	ug/l	98
16) Acetone	2.45	43	311686	261.21	ug/l #	87
17) Carbon Disulfide	2.57	76	325187	44.11	ug/l	98
18) Methyl Acetate	2.78	43	199299	52.98	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	461362	51.83	ug/l	99
20) Methylene Chloride	2.86	84	153567	52.68	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	145406	47.95	ug/l	90
22) Diisopropyl ether	3.88	45	449862	49.55	ug/l #	92
23) Vinyl Acetate	3.83	43	1840440	246.08	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	265346	49.81	ug/l	99
25) 2-Butanone	4.71	43	527521	263.49	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	163095	40.31	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	169658	50.24	ug/l	96
28) Bromochloromethane	5.03	49	108273	46.50	ug/l #	77
29) Tetrahydrofuran	5.17	42	345166	260.99	ug/l	89
30) Chloroform	5.22	83	270702	52.04	ug/l	95
31) Cyclohexane	5.57	56	221532	46.54	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	233864	52.50	ug/l	96
36) 1,1-Dichloropropene	5.80	75	194532	49.89	ug/l	96
37) Ethyl Acetate	4.87	43	201970	54.74	ug/l #	94
38) Carbon Tetrachloride	5.78	117	210395	55.01	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003617.D
 Acq On : 23 Jul 2018 21:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:54:41 PM

Quant Time: Jul 24 08:28:50 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	231191	50.06	ug/l	94
40) Benzene	6.15	78	635956	54.02	ug/l	97
41) Methacrylonitrile	5.07	41	112379	51.82	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	198297	53.46	ug/l	93
43) Isopropyl Acetate	6.47	43	316523	53.93	ug/l #	92
44) Trichloroethene	7.22	130	187701	53.46	ug/l	94
45) 1,2-Dichloropropane	7.52	63	159487	53.35	ug/l	99
46) Dibromomethane	7.67	93	105431	54.78	ug/l	91
47) Bromodichloromethane	7.90	83	200631	56.94	ug/l	98
48) Methyl methacrylate	7.78	41	162835	55.01	ug/l #	81
49) 1,4-Dioxane	7.76	88	78456	1169.81	ug/l #	92
51) 4-Methyl-2-Pentanone	8.65	43	1057697	285.24	ug/l	90
52) Toluene	8.79	92	398374	53.76	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	235266	54.25	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	213318	54.70	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	165494	56.12	ug/l	98
56) Ethyl methacrylate	9.18	69	240184	57.83	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	263265	55.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	513149	254.08	ug/l	94
59) 2-Hexanone	9.50	43	793829	288.94	ug/l	86
60) Dibromochloromethane	9.59	129	174613	59.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171524	56.11	ug/l	100
64) Tetrachloroethene	9.34	164	227941	53.74	ug/l	99
65) Chlorobenzene	10.14	112	465022	51.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172445	55.88	ug/l	100
67) Ethyl Benzene	10.26	91	764813	53.03	ug/l	99
68) m/p-Xylenes	10.36	106	606996	107.36	ug/l	94
69) o-Xylene	10.70	106	295020	53.96	ug/l	94
70) Styrene	10.71	104	503707	56.01	ug/l	96
71) Bromoform	10.86	173	142850	59.58	ug/l	99
73) Isopropylbenzene	11.02	105	789827	52.03	ug/l	99
74) N-amyl acetate	6.47	43	316523	49.11	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	233387	52.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205703m	52.17	ug/l	
77) Bromobenzene	11.26	156	223869	51.28	ug/l	94
78) n-propylbenzene	11.37	91	875290	51.88	ug/l	97
79) 2-Chlorotoluene	11.43	91	522122	50.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	657583	52.71	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	64424	46.58	ug/l	85
82) 4-Chlorotoluene	11.51	91	606325	50.52	ug/l	96
83) tert-Butylbenzene	11.77	119	642670	52.61	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	675549	53.22	ug/l	97
85) sec-Butylbenzene	11.95	105	776623	52.34	ug/l	98
86) p-Isopropyltoluene	12.07	119	708344	53.19	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	404736	50.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405719	49.08	ug/l	99
89) n-Butylbenzene	12.39	91	576105	50.95	ug/l	97
90) Hexachloroethane	12.60	117	100602	53.14	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	407986	51.58	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48250	55.74	ug/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
Data File : VX003617.D
Acq On : 23 Jul 2018 21:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/24/2018 3:54:41 PM

Quant Time: Jul 24 08:28:50 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)
93) 1,2,4-Trichlorobenzene	13.65	180	298877	51.56	ug/l	100
94) Hexachlorobutadiene	13.79	225	144124	51.70	ug/l	98
95) Naphthalene	13.83	128	849935	55.80	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	307446	53.58	ug/l	100

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

