

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005255.D
 Acq On : 11 Oct 2018 15:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:11 PM

Quant Time: Oct 12 07:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120933	37.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.62%	
35) Dibromofluoromethane	5.50	113	100776	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	
50) Toluene-d8	8.72	98	368729	41.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.44%	
62) 4-Bromofluorobenzene	11.14	95	143124	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	160753	51.97	ug/l	97
3) Chloromethane	1.32	50	168409	44.87	ug/l	100
4) Vinyl Chloride	1.40	62	171507	48.72	ug/l	98
5) Bromomethane	1.64	94	85324	40.88	ug/l	97
6) Chloroethane	1.71	64	103517	54.15	ug/l	97
7) Trichlorofluoromethane	1.92	101	235043	53.94	ug/l	95
8) Diethyl Ether	2.19	74	88313	46.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131176	52.84	ug/l	99
10) Methyl Iodide	2.51	142	122397	36.85	ug/l	91
11) Tert butyl alcohol	3.09	59	207618	229.10	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119082	48.44	ug/l	94
13) Acrolein	2.29	56	94042	145.85	ug/l	92
14) Allyl chloride	2.72	41	269079	50.16	ug/l	95
15) Acrylonitrile	3.15	53	489957	245.60	ug/l	97
16) Acetone	2.45	43	479887	253.62	ug/l	94
17) Carbon Disulfide	2.56	76	341082	46.17	ug/l	97
18) Methyl Acetate	2.78	43	258952	54.02	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	441583	52.08	ug/l	96
20) Methylene Chloride	2.85	84	139073	50.56	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	130303	48.42	ug/l	86
22) Diisopropyl ether	3.87	45	448400	49.64	ug/l	99
23) Vinyl Acetate	3.82	43	2096500	253.57	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269392	50.00	ug/l	100
25) 2-Butanone	4.71	43	642277	230.28	ug/l	98
26) 2,2-Dichloropropane	4.58	77	194429	51.82	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	136555	45.42	ug/l	94
28) Bromochloromethane	5.02	49	90451	35.65	ug/l	100
29) Tetrahydrofuran	5.17	42	407319	234.96	ug/l	98
30) Chloroform	5.21	83	234472	46.05	ug/l	99
31) Cyclohexane	5.57	56	205258	49.77	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	204691	49.22	ug/l	95
36) 1,1-Dichloropropene	5.80	75	175578	48.41	ug/l	94
37) Ethyl Acetate	4.86	43	227592	47.27	ug/l	98
38) Carbon Tetrachloride	5.77	117	181509	47.61	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
 Data File : VX005255.D
 Acq On : 11 Oct 2018 15:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:34:11 PM

Quant Time: Oct 12 07:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	207702	56.08	ug/l #	84
40) Benzene	6.14	78	517695	45.59	ug/l	96
41) Methacrylonitrile	5.07	41	127991	47.94	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188978	47.08	ug/l	97
43) Isopropyl Acetate	6.46	43	331770	47.75	ug/l	96
44) Trichloroethene	7.21	130	142644	51.10	ug/l	98
45) 1,2-Dichloropropane	7.52	63	138520	49.75	ug/l	98
46) Dibromomethane	7.66	93	91134	52.08	ug/l	100
47) Bromodichloromethane	7.90	83	178063	54.35	ug/l	98
48) Methyl methacrylate	7.78	41	177206	56.19	ug/l	99
49) 1,4-Dioxane	7.76	88	72331	923.12	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1208214	276.15	ug/l	99
52) Toluene	8.79	92	330451	52.96	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	202180	54.61	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	217586	56.11	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138640	50.73	ug/l	96
56) Ethyl methacrylate	9.18	69	216560	48.90	ug/l	97
57) 1,3-Dichloropropane	9.37	76	229522	50.46	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	462088	199.29	ug/l	99
59) 2-Hexanone	9.50	43	980383	268.90	ug/l	95
60) Dibromochloromethane	9.59	129	146215	53.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	142822	48.80	ug/l	94
64) Tetrachloroethene	9.34	164	140752	47.71	ug/l	96
65) Chlorobenzene	10.14	112	375382	48.83	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139173	51.50	ug/l	99
67) Ethyl Benzene	10.26	91	644294	52.79	ug/l	97
68) m/p-Xylenes	10.36	106	509735	106.89	ug/l	96
69) o-Xylene	10.70	106	241386	55.11	ug/l	99
70) Styrene	10.71	104	413055	50.40	ug/l	100
71) Bromoform	10.86	173	124799	53.94	ug/l #	97
73) Isopropylbenzene	11.02	105	663982	59.82	ug/l	100
74) N-amyl acetate	10.90	43	312929	51.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231454	51.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	211680m	53.63	ug/l	
77) Bromobenzene	11.26	156	178077	55.24	ug/l	98
78) n-propylbenzene	11.36	91	773176	60.71	ug/l	100
79) 2-Chlorotoluene	11.42	91	455968	57.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572989	56.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	70401	48.70	ug/l	97
82) 4-Chlorotoluene	11.51	91	542923	58.11	ug/l	100
83) tert-Butylbenzene	11.77	119	564795	61.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	590548	56.32	ug/l	100
85) sec-Butylbenzene	11.94	105	691121	62.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	624836	61.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	335564	55.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	340293	54.76	ug/l	99
89) n-Butylbenzene	12.39	91	568623	62.09	ug/l	100
90) Hexachloroethane	12.60	117	102077	60.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	338067	53.74	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55642	56.09	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005255.D
Acq On : 11 Oct 2018 15:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/12/2018 2:34:11 PM

Quant Time: Oct 12 07:24:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	265360	60.13	ug/l	100
94) Hexachlorobutadiene	13.79	225	136230	59.53	ug/l	99
95) Naphthalene	13.83	128	797683	54.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268719	58.95	ug/l	99

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

