

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
 Data File : VX005839.D
 Acq On : 08 Nov 2018 11:31
 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
 11/9/2018 11:37:00 AM

Quant Time: Nov 08 12:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	123562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	180477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	142091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81804	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	73309	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	
35) Dibromofluoromethane	5.49	113	62400	50.83	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	198187	48.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	75044	51.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60001	53.858	ug/l	98
3) Chloromethane	1.32	50	69021	47.208	ug/l	98
4) Vinyl Chloride	1.40	62	72821	49.614	ug/l	90
5) Bromomethane	1.64	94	39930	44.455	ug/l	100
6) Chloroethane	1.71	64	43191	49.318	ug/l	100
7) Trichlorofluoromethane	1.93	101	95979	49.264	ug/l	98
8) Diethyl Ether	2.19	74	40037	52.445	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59841	53.405	ug/l	99
10) Methyl Iodide	2.51	142	52692	38.800	ug/l	99
11) Tert butyl alcohol	3.07	59	90671	222.820	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53465	48.954	ug/l	92
13) Acrolein	2.29	56	44015	228.625	ug/l	99
14) Allyl chloride	2.73	41	123444	50.608	ug/l	97
15) Acrylonitrile	3.14	53	206113	244.411	ug/l	99
16) Acetone	2.44	43	200972	262.765	ug/l	90
17) Carbon Disulfide	2.57	76	170988	52.488	ug/l	96
18) Methyl Acetate	2.77	43	104797	51.163	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	195284	52.389	ug/l	93
20) Methylene Chloride	2.85	84	60632	48.260	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	57282	49.726	ug/l	87
22) Diisopropyl ether	3.87	45	220144	51.520	ug/l	98
23) Vinyl Acetate	3.82	43	989709	270.139	ug/l	100
24) 1,1-Dichloroethane	3.69	63	116349	51.037	ug/l	97
25) 2-Butanone	4.70	43	302557	251.618	ug/l	98
26) 2,2-Dichloropropane	4.58	77	92652	55.405	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	64705	50.870	ug/l	98
28) Bromochloromethane	5.01	49	57983	56.911	ug/l	99
29) Tetrahydrofuran	5.14	42	190639	246.923	ug/l	99
30) Chloroform	5.21	83	111382	50.642	ug/l	99
31) Cyclohexane	5.57	56	106791	53.965	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	95349	51.975	ug/l	100
36) 1,1-Dichloropropene	5.79	75	83233	47.839	ug/l	97
37) Ethyl Acetate	4.85	43	109200	47.729	ug/l	100
38) Carbon Tetrachloride	5.78	117	85843	49.285	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
 Data File : VX005839.D
 Acq On : 08 Nov 2018 11:31
 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
 11/9/2018 11:37:00 AM

Quant Time: Nov 08 12:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	90376	51.252	ug/l	89
40) Benzene	6.14	78	231734	45.689	ug/l #	89
41) Methacrylonitrile	5.06	41	61722	49.926	ug/l	98
42) 1,2-Dichloroethane	6.20	62	85713	47.181	ug/l	99
43) Isopropyl Acetate	6.46	43	155206	46.816	ug/l	98
44) Trichloroethene	7.22	130	59790	46.418	ug/l	81
45) 1,2-Dichloropropane	7.51	63	55153	44.801	ug/l	100
46) Dibromomethane	7.66	93	35637	46.132	ug/l	99
47) Bromodichloromethane	7.90	83	70679	48.412	ug/l	99
48) Methyl methacrylate	7.77	41	72462	48.678	ug/l	98
49) 1,4-Dioxane	7.75	88	30204	941.602	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	484601	231.934	ug/l	99
52) Toluene	8.78	92	128501	45.331	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	81265	47.169	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	86703	49.374	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52470	41.532	ug/l	98
56) Ethyl methacrylate	9.18	69	84107	44.494	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88622	41.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	235084	228.951	ug/l	99
59) 2-Hexanone	9.49	43	385509	209.322	ug/l	99
60) Dibromochloromethane	9.59	129	57932	42.430	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55410	39.664	ug/l	100
64) Tetrachloroethene	9.34	164	58491	48.349	ug/l	98
65) Chlorobenzene	10.14	112	145599	51.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	53594	54.156	ug/l	99
67) Ethyl Benzene	10.25	91	255362	55.945	ug/l	99
68) m/p-Xylenes	10.36	106	199226	114.427	ug/l	99
69) o-Xylene	10.70	106	92878	59.491	ug/l	98
70) Styrene	10.71	104	156667	60.831	ug/l	99
71) Bromoform	10.86	173	48255	58.168	ug/l	99
73) Isopropylbenzene	11.02	105	259434	54.841	ug/l	100
74) N-amyl acetate	10.90	43	128236	48.354	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85223	49.081	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85681m	51.438	ug/l	
77) Bromobenzene	11.26	156	67703	50.776	ug/l	99
78) n-propylbenzene	11.36	91	308067	55.257	ug/l	99
79) 2-Chlorotoluene	11.42	91	178835	53.069	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223556	55.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27243	52.127	ug/l	97
82) 4-Chlorotoluene	11.51	91	214697	54.060	ug/l	100
83) tert-Butylbenzene	11.77	119	218287	53.673	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	231021	52.078	ug/l	99
85) sec-Butylbenzene	11.94	105	269698	54.229	ug/l	100
86) p-Isopropyltoluene	12.07	119	246592	55.977	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127712	49.908	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130108	49.667	ug/l	99
89) n-Butylbenzene	12.39	91	224528	54.993	ug/l	100
90) Hexachloroethane	12.60	117	40222	54.688	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	127632	49.788	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22046	52.030	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110818\
Data File : VX005839.D
Acq On : 08 Nov 2018 11:31
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
11/9/2018 11:37:00 AM

Quant Time: Nov 08 12:09:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99063	54.894	ug/l	100
94) Hexachlorobutadiene	13.78	225	49973	52.717	ug/l	98
95) Naphthalene	13.83	128	293391	49.855	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99810	54.288	ug/l	100

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

