

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005712.D
 Acq On : 31 Oct 2018 18:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103118

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:34 AM

Quant Time: Oct 31 18:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	130783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	208533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84587	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	
35) Dibromofluoromethane	5.51	113	64685	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	8.71	98	235868	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	11.14	95	87387	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84391	55.857	ug/l	96
3) Chloromethane	1.32	50	86706	48.655	ug/l	96
4) Vinyl Chloride	1.40	62	87029	46.940	ug/l	99
5) Bromomethane	1.64	94	99607	43.296	ug/l	96
6) Chloroethane	1.72	64	56630	47.487	ug/l	99
7) Trichlorofluoromethane	1.93	101	115510	48.538	ug/l	90
8) Diethyl Ether	2.19	74	47923	44.800	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69009	47.739	ug/l	91
10) Methyl Iodide	2.51	142	56207	40.337	ug/l	99
11) Tert butyl alcohol	3.07	59	118219	227.666	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64580	45.847	ug/l	92
13) Acrolein	2.29	56	88844	239.660	ug/l	98
14) Allyl chloride	2.73	41	135144	46.399	ug/l	94
15) Acrylonitrile	3.15	53	256425	224.569	ug/l	98
16) Acetone	2.45	43	254328	259.019	ug/l	98
17) Carbon Disulfide	2.57	76	200885	46.410	ug/l	99
18) Methyl Acetate	2.78	43	119905	43.696	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	232851	47.756	ug/l	100
20) Methylene Chloride	2.85	84	73014	44.282	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	67984	45.612	ug/l	94
22) Diisopropyl ether	3.87	45	259488	48.026	ug/l	96
23) Vinyl Acetate	3.82	43	1164957	247.541	ug/l	98
24) 1,1-Dichloroethane	3.70	63	138629	45.375	ug/l	98
25) 2-Butanone	4.70	43	378414	234.611	ug/l	97
26) 2,2-Dichloropropane	4.58	77	113320	49.619	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	78849	47.078	ug/l	97
28) Bromochloromethane	5.01	49	70824	47.516	ug/l	89
29) Tetrahydrofuran	5.15	42	235970	239.690	ug/l	95
30) Chloroform	5.21	83	135827	45.472	ug/l	94
31) Cyclohexane	5.57	56	129140	50.547	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	109718	45.896	ug/l	97
36) 1,1-Dichloropropene	5.79	75	102308	46.048	ug/l	99
37) Ethyl Acetate	4.85	43	131155	46.271	ug/l	98
38) Carbon Tetrachloride	5.78	117	94330	46.994	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005712.D
 Acq On : 31 Oct 2018 18:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX103118

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:34 AM

Quant Time: Oct 31 18:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120241	51.893	ug/l	94
40) Benzene	6.14	78	310017	46.903	ug/l	98
41) Methacrylonitrile	5.06	41	72796	47.531	ug/l	98
42) 1,2-Dichloroethane	6.20	62	109670	44.889	ug/l	99
43) Isopropyl Acetate	6.46	43	199390	48.466	ug/l	98
44) Trichloroethene	7.21	130	70481	46.105	ug/l	90
45) 1,2-Dichloropropane	7.51	63	83957	49.566	ug/l	93
46) Dibromomethane	7.66	93	50533	46.682	ug/l	87
47) Bromodichloromethane	7.90	83	93688	46.140	ug/l	96
48) Methyl methacrylate	7.77	41	96449	48.438	ug/l	96
49) 1,4-Dioxane	7.75	88	42715	963.375	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	664713	236.957	ug/l	97
52) Toluene	8.79	92	172079	48.132	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	108882	49.481	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	124119	52.647	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	70942	45.692	ug/l	98
56) Ethyl methacrylate	9.18	69	117993	45.028	ug/l	98
57) 1,3-Dichloropropane	9.37	76	124144	46.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	376907	251.717	ug/l	94
59) 2-Hexanone	9.49	43	542017	237.426	ug/l	97
60) Dibromochloromethane	9.59	129	70110	46.730	ug/l	99
61) 1,2-Dibromoethane	9.67	107	72804	46.017	ug/l	99
64) Tetrachloroethene	9.34	164	63731	47.959	ug/l	95
65) Chlorobenzene	10.14	112	183783	47.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64292	48.589	ug/l	98
67) Ethyl Benzene	10.25	91	337479	51.160	ug/l	97
68) m/p-Xylenes	10.36	106	249400	101.746	ug/l	94
69) o-Xylene	10.70	106	120305	51.316	ug/l	97
70) Styrene	10.71	104	203230	52.193	ug/l	97
71) Bromoform	10.86	173	52555	49.021	ug/l	98
73) Isopropylbenzene	11.02	105	332733	52.954	ug/l	99
74) N-amyl acetate	10.90	43	173021	51.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	123023	47.192	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	114015m	48.065	ug/l	
77) Bromobenzene	11.26	156	76481	49.067	ug/l	84
78) n-propylbenzene	11.36	91	408295	53.415	ug/l	96
79) 2-Chlorotoluene	11.42	91	236093	51.714	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	283683	53.172	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	36396	49.573	ug/l	97
82) 4-Chlorotoluene	11.51	91	281896	51.720	ug/l	96
83) tert-Butylbenzene	11.77	119	269827	53.005	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	290499	53.921	ug/l	97
85) sec-Butylbenzene	11.94	105	347109	53.156	ug/l	96
86) p-Isopropyltoluene	12.07	119	300762	54.156	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	149867	49.726	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	150949	46.622	ug/l	98
89) n-Butylbenzene	12.39	91	298690	53.306	ug/l	98
90) Hexachloroethane	12.60	117	49076	49.808	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	149361	47.436	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30212	49.413	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
Data File : VX005712.D
Acq On : 31 Oct 2018 18:02
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX103118

Manual Integrations
APPROVED

MMDadoda
11/1/2018 9:49:34 AM

Quant Time: Oct 31 18:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104507	51.750	ug/l	99
94) Hexachlorobutadiene	13.79	225	48101	49.235	ug/l	99
95) Naphthalene	13.83	128	356417	53.666	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	106922	52.007	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005712.D
 Acq On : 31 Oct 2018 18:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 ICVVX103118

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:34 AM

Quant Time: Oct 31 18:44:27 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

