

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003392.D
 Acq On : 16 Jul 2018 11:47
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:31 PM

Quant Time: Jul 16 12:18:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:16:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	469531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	272495	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200689	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	181942	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.72	98	697865	61.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.94%	
62) 4-Bromofluorobenzene	11.14	95	251367	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	187432	70.63	ug/l	99
3) Chloromethane	1.32	50	189967	58.39	ug/l	100
4) Vinyl Chloride	1.40	62	210661	48.40	ug/l	98
5) Bromomethane	1.64	94	82163	33.37	ug/l	99
6) Chloroethane	1.71	64	130026	53.22	ug/l	100
7) Trichlorofluoromethane	1.92	101	276804	44.14	ug/l	99
8) Diethyl Ether	2.19	74	117120	42.17	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	171576	42.57	ug/l	98
10) Methyl Iodide	2.51	142	206230	50.38	ug/l	93
11) Tert butyl alcohol	3.09	59	232532	237.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	163623	43.72	ug/l	87
13) Acrolein	2.30	56	105994	326.44	ug/l	99
14) Allyl chloride	2.73	41	299439	41.71	ug/l	86
15) Acrylonitrile	3.15	53	520804	213.39	ug/l	98
16) Acetone	2.45	43	417656	220.71	ug/l #	88
17) Carbon Disulfide	2.57	76	443370	48.25	ug/l	98
18) Methyl Acetate	2.78	43	297597	50.65	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	547444	40.91	ug/l	100
20) Methylene Chloride	2.86	84	184824	45.77	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	175139	43.85	ug/l	90
22) Diisopropyl ether	3.88	45	562165	42.07	ug/l	96
23) Vinyl Acetate	3.83	43	2342221	214.50	ug/l	96
24) 1,1-Dichloroethane	3.70	63	324160	42.79	ug/l	100
25) 2-Butanone	4.73	43	686722	234.13	ug/l	91
26) 2,2-Dichloropropane	4.59	77	229230	42.75	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	196681	44.80	ug/l	88
28) Bromochloromethane	5.03	49	141536	41.00	ug/l	85
29) Tetrahydrofuran	5.18	42	443556	236.73	ug/l	91
30) Chloroform	5.22	83	314157	43.26	ug/l	96
31) Cyclohexane	5.57	56	270447	46.64	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	270488	44.71	ug/l	97
36) 1,1-Dichloropropene	5.80	75	234795	47.07	ug/l	98
37) Ethyl Acetate	4.88	43	252775	46.24	ug/l	95
38) Carbon Tetrachloride	5.79	117	240203	47.24	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003392.D
 Acq On : 16 Jul 2018 11:47
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:31 PM

Quant Time: Jul 16 12:18:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:16:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271444	48.07	ug/l	95
40) Benzene	6.15	78	724570	46.38	ug/l	100
41) Methacrylonitrile	5.07	41	143337	45.77	ug/l	91
42) 1,2-Dichloroethane	6.20	62	234877	43.04	ug/l	94
43) Isopropyl Acetate	6.48	43	395867	46.21	ug/l #	92
44) Trichloroethene	7.22	130	212604	48.03	ug/l	97
45) 1,2-Dichloropropane	7.52	63	187202	45.17	ug/l	99
46) Dibromomethane	7.67	93	124263	46.64	ug/l	94
47) Bromodichloromethane	7.90	83	231884	46.16	ug/l	100
48) Methyl methacrylate	7.79	41	206883	47.32	ug/l #	83
49) 1,4-Dioxane	7.77	88	98263	1029.93	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	1352105	241.47	ug/l	91
52) Toluene	8.79	92	464026	46.87	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	285900	48.45	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	257646	47.80	ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	190592	46.12	ug/l	99
56) Ethyl methacrylate	9.19	69	280311	47.49	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	308297	46.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	709615	247.41	ug/l	96
59) 2-Hexanone	9.51	43	1038554	251.46	ug/l	88
60) Dibromochloromethane	9.59	129	197019	49.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	198686	47.69	ug/l	99
64) Tetrachloroethene	9.34	164	237892	49.35	ug/l	100
65) Chlorobenzene	10.14	112	530427	46.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192581	47.65	ug/l	99
67) Ethyl Benzene	10.26	91	879433	47.28	ug/l	100
68) m/p-Xylenes	10.37	106	693559	96.80	ug/l	96
69) o-Xylene	10.70	106	338754	48.41	ug/l	95
70) Styrene	10.71	104	563029	47.88	ug/l	97
71) Bromoform	10.86	173	160311	51.82	ug/l	99
73) Isopropylbenzene	11.02	105	896186	47.56	ug/l	99
74) N-amyl acetate	6.48	43	395867	45.33	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	279742	45.48	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	241470m	44.85	ug/l	
77) Bromobenzene	11.26	156	251262	47.19	ug/l	96
78) n-propylbenzene	11.37	91	1009329	47.39	ug/l	98
79) 2-Chlorotoluene	11.43	91	598491	45.50	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	749056	47.97	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	81262	50.33	ug/l	88
82) 4-Chlorotoluene	11.51	91	699666	45.65	ug/l	97
83) tert-Butylbenzene	11.77	119	729533	47.19	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	768031	48.49	ug/l	97
85) sec-Butylbenzene	11.95	105	881376	47.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	797218	48.23	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	453408	45.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	453480	44.93	ug/l	99
89) n-Butylbenzene	12.39	91	667362	47.18	ug/l	98
90) Hexachloroethane	12.60	117	116253	46.92	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	458139	46.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61353	50.30	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
Data File : VX003392.D
Acq On : 16 Jul 2018 11:47
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/17/2018 1:46:31 PM

Quant Time: Jul 16 12:18:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 12:16:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	329268	48.38	ug/l	100
94) Hexachlorobutadiene	13.79	225	156327	48.68	ug/l	99
95) Naphthalene	13.84	128	992746	52.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	338426	49.27	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003392.D
 Acq On : 16 Jul 2018 11:47
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:31 PM

Quant Time: Jul 16 12:18:48 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:16:42 2018
 Response via : Initial Calibration

