

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\
 Data File : VX003394.D
 Acq On : 16 Jul 2018 12:42
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:33 PM

Quant Time: Jul 16 14:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	443535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	564191	155.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.06%	
35) Dibromofluoromethane	5.51	113	498092	153.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.84%	
50) Toluene-d8	8.72	98	1926805	166.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.82%	
62) 4-Bromofluorobenzene	11.14	95	741715	164.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	552141	202.55	ug/l	99
3) Chloromethane	1.32	50	542826	155.51	ug/l	98
4) Vinyl Chloride	1.40	62	615774	156.10	ug/l	99
7) Trichlorofluoromethane	1.91	101	772798	135.98	ug/l	98
8) Diethyl Ether	2.19	74	351262	139.57	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	510036	139.63	ug/l	97
10) Methyl Iodide	2.50	142	689621	185.90	ug/l	93
11) Tert butyl alcohol	3.11	59	736414	831.26	ug/l	99
12) 1,1-Dichloroethene	2.36	96	490264	144.54	ug/l	91
13) Acrolein	2.30	56	332053	945.65	ug/l	99
14) Allyl chloride	2.72	41	847500	130.27	ug/l #	86
15) Acrylonitrile	3.16	53	1603467	724.96	ug/l	98
16) Acetone	2.46	43	1275794	743.92	ug/l #	88
17) Carbon Disulfide	2.56	76	1360734	163.39	ug/l	99
18) Methyl Acetate	2.78	43	894286	167.94	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	1634062	134.73	ug/l	99
20) Methylene Chloride	2.85	84	546426	132.11	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	516453	142.69	ug/l	93
22) Diisopropyl ether	3.89	45	1675035	138.31	ug/l	93
23) Vinyl Acetate	3.84	43	7000113	707.38	ug/l	95
24) 1,1-Dichloroethane	3.70	63	964735	140.51	ug/l	99
25) 2-Butanone	4.73	43	2053498	772.53	ug/l	92
26) 2,2-Dichloropropane	4.58	77	637051	131.09	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	570448	143.38	ug/l	85
28) Bromochloromethane	5.03	49	382842	122.38	ug/l	89
29) Tetrahydrofuran	5.18	42	1298906	764.93	ug/l	92
30) Chloroform	5.22	83	884260	134.36	ug/l	99
31) Cyclohexane	5.57	56	769882	146.51	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	778830	142.05	ug/l	98
36) 1,1-Dichloropropene	5.80	75	665130	141.94	ug/l	99
37) Ethyl Acetate	4.89	43	753255	146.68	ug/l	95
38) Carbon Tetrachloride	5.78	117	694345	145.35	ug/l	99
39) Methylcyclohexane	7.46	83	794118	149.70	ug/l	94
40) Benzene	6.15	78	2022413	137.80	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003394.D
 Acq On : 16 Jul 2018 12:42
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/17/2018 1:46:33 PM

Quant Time: Jul 16 14:38:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 12:43:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.08	41	430018	146.17	ug/l	93
42) 1,2-Dichloroethane	6.21	62	687170	134.04	ug/l	96
43) Isopropyl Acetate	6.48	43	1211200	150.51	ug/l	94
44) Trichloroethene	7.22	130	584099	140.45	ug/l	99
45) 1,2-Dichloropropane	7.52	63	526749	135.30	ug/l	99
46) Dibromomethane	7.67	93	349274	139.53	ug/l	97
47) Bromodichloromethane	7.91	83	693941	147.04	ug/l	98
48) Methyl methacrylate	7.79	41	641676	156.23	ug/l	87
49) 1,4-Dioxane	7.77	88	281964	3145.84	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	4084213	776.41	ug/l	91
52) Toluene	8.79	92	1307099	140.54	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	840532	151.63	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	795076	157.01	ug/l #	90
55) 1,1,2-Trichloroethane	9.23	97	551236	142.00	ug/l	98
56) Ethyl methacrylate	9.19	69	865402	156.07	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	891293	141.66	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2073842	769.66	ug/l	98
59) 2-Hexanone	9.51	43	3217327	829.22	ug/l	88
60) Dibromochloromethane	9.59	129	608771	161.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	584883	149.42	ug/l	100
64) Tetrachloroethene	9.34	164	649718	135.26	ug/l	98
65) Chlorobenzene	10.15	112	1543260	135.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	576569	143.17	ug/l	99
67) Ethyl Benzene	10.26	91	2603324	140.46	ug/l	100
68) m/p-Xylenes	10.37	106	2065158	289.25	ug/l	94
69) o-Xylene	10.70	106	1002564	143.77	ug/l	96
70) Styrene	10.72	104	1664960	142.07	ug/l	97
71) Bromoform	10.87	173	510845	165.70	ug/l	100
73) Isopropylbenzene	11.02	105	2623469	137.19	ug/l	99
74) N-amyl acetate	6.48	43	1211200	136.65	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	855976	137.12	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	696615m	127.50	ug/l	
77) Bromobenzene	11.26	156	732719	135.61	ug/l	98
78) n-propylbenzene	11.37	91	3003405	138.96	ug/l	99
79) 2-Chlorotoluene	11.43	91	1792691	134.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2245111	141.67	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	266608	162.69	ug/l	86
82) 4-Chlorotoluene	11.52	91	2132755	137.12	ug/l	98
83) tert-Butylbenzene	11.77	119	2226232	141.89	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	2308849	143.62	ug/l	98
85) sec-Butylbenzene	11.95	105	2676129	142.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	2411944	143.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	1353823	134.20	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1362271	133.00	ug/l	99
89) n-Butylbenzene	12.39	91	2091626	145.70	ug/l	98
90) Hexachloroethane	12.60	117	392660	156.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1360144	134.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	199630	161.27	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	1003334	145.27	ug/l	100
94) Hexachlorobutadiene	13.79	225	460491	141.30	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
Data File : VX003394.D
Acq On : 16 Jul 2018 12:42
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
7/17/2018 1:46:33 PM

Quant Time: Jul 16 14:38:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 12:43:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	2989219	154.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1001222	143.64	ug/l	99

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

