

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002597.D
 Acq On : 15 Jun 2018 13:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:59 PM

Quant Time: Jun 15 13:49:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	347211	90.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.94%	
35) Dibromofluoromethane	5.51	113	278182	100.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.72%	
50) Toluene-d8	8.72	98	1066959	100.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.84%	
62) 4-Bromofluorobenzene	11.14	95	415136	101.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	242447	94.53	ug/l	99
3) Chloromethane	1.32	50	274027	81.19	ug/l	99
4) Vinyl Chloride	1.40	62	302959	93.72	ug/l	99
5) Bromomethane	1.64	94	171315	66.68	ug/l	99
6) Chloroethane	1.71	64	198333	94.85	ug/l	98
7) Trichlorofluoromethane	1.92	101	517322	105.04	ug/l	98
8) Diethyl Ether	2.19	74	185982	92.70	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	287778	108.27	ug/l	100
10) Methyl Iodide	2.51	142	400997	107.26	ug/l	99
11) Tert butyl alcohol	3.09	59	343419	434.35	ug/l	98
12) 1,1-Dichloroethene	2.37	96	262440	99.91	ug/l	99
13) Acrolein	2.29	56	171833	451.19	ug/l	100
14) Allyl chloride	2.73	41	530983	93.15	ug/l	98
15) Acrylonitrile	3.15	53	793461	471.49	ug/l	100
16) Acetone	2.45	43	752661	426.59	ug/l	100
17) Carbon Disulfide	2.56	76	679649	98.17	ug/l	98
18) Methyl Acetate	2.78	43	415818	99.89	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	975156	93.72	ug/l	99
20) Methylene Chloride	2.86	84	293006	83.58	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	284923	98.37	ug/l	97
22) Diisopropyl ether	3.88	45	932461	87.67	ug/l	99
23) Vinyl Acetate	3.83	43	3999426	432.80	ug/l	99
24) 1,1-Dichloroethane	3.70	63	470492	83.51	ug/l	100
25) 2-Butanone	4.71	43	1053477	435.46	ug/l	98
26) 1,2-Dichloropropane	4.59	77	387633	88.02	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	288933	91.72	ug/l	95
28) Bromochloromethane	5.03	49	242100	88.74	ug/l	98
29) Tetrahydrofuran	5.17	42	687563	440.81	ug/l	98
30) Chloroform	5.22	83	506477	93.16	ug/l	96
31) Cyclohexane	5.57	56	442712	99.37	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	450041	97.61	ug/l	99
36) 1,1-Dichloropropene	5.80	75	377514	101.88	ug/l	100
37) Ethyl Acetate	4.87	43	419912	94.23	ug/l	100
38) Carbon Tetrachloride	5.78	117	406221	104.79	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061518\
 Data File : VX002597.D
 Acq On : 15 Jun 2018 13:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:59 PM

Quant Time: Jun 15 13:49:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	458097	108.47	ug/l	97
40) Benzene	6.15	78	1101483	96.94	ug/l	99
41) Methacrylonitrile	5.07	41	238706	93.57	ug/l	98
42) 1,2-Dichloroethane	6.20	62	417577	92.50	ug/l	100
43) Isopropyl Acetate	6.47	43	713731	94.29	ug/l	100
44) Trichloroethene	7.21	130	326638	103.58	ug/l	99
45) 1,2-Dichloropropane	7.52	63	291081	94.90	ug/l	99
46) Dibromomethane	7.67	93	198682	95.55	ug/l	99
47) Bromodichloromethane	7.90	83	378343	100.60	ug/l	98
48) Methyl methacrylate	7.78	41	363045	95.49	ug/l	98
49) 1,4-Dioxane	7.76	88	133351	1875.80	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	2285661	484.90	ug/l	99
52) Toluene	8.79	92	726055	100.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	459547	101.90	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	439021	103.18	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	292216	98.32	ug/l	97
56) Ethyl methacrylate	9.18	69	470245	99.10	ug/l	98
57) 1,3-Dichloropropane	9.38	76	478317	95.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1113940	507.21	ug/l	99
59) 2-Hexanone	9.50	43	1748665	480.29	ug/l	98
60) Dibromochloromethane	9.59	129	323596	108.24	ug/l	99
61) 1,2-Dibromoethane	9.68	107	310740	100.27	ug/l	99
64) Tetrachloroethene	9.34	164	370228	105.13	ug/l	98
65) Chlorobenzene	10.14	112	836280	98.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	311239	101.16	ug/l	99
67) Ethyl Benzene	10.26	91	1431439	100.67	ug/l	99
68) m/p-Xylenes	10.36	106	1123154	203.19	ug/l	100
69) o-Xylene	10.70	106	549300	99.86	ug/l	98
70) Styrene	10.72	104	933502	103.81	ug/l	99
71) Bromoform	10.86	173	260603	106.84	ug/l	100
73) Isopropylbenzene	11.02	105	1498539	96.42	ug/l	100
74) N-amyl acetate	6.47	43	713731	85.23	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	434814	88.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	376302m	76.76	ug/l	
77) Bromobenzene	11.26	156	412029	94.43	ug/l	97
78) n-propylbenzene	11.37	91	1728409	100.05	ug/l	100
79) 2-Chlorotoluene	11.43	91	999122	91.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1279389	95.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	132323	94.61	ug/l	99
82) 4-Chlorotoluene	11.51	91	1214659	96.48	ug/l	99
83) tert-Butylbenzene	11.77	119	1239759	95.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1306616	95.22	ug/l	100
85) sec-Butylbenzene	11.95	105	1548796	101.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	1407281	101.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	754163	96.67	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	763757	94.98	ug/l	99
89) n-Butylbenzene	12.39	91	1265674	108.87	ug/l	99
90) Hexachloroethane	12.60	117	217780	98.42	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	760235	94.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	104195	97.47	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
Data File : VX002597.D
Acq On : 15 Jun 2018 13:21
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:11:59 PM

Quant Time: Jun 15 13:49:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 13:16:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	575078	101.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	308115	110.16	ug/l	98
95) Naphthalene	13.84	128	1566828	96.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	568905	98.56	ug/l	100

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

