

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008413.D
 Acq On : 25 Mar 2019 15:17
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:40 AM

Quant Time: Mar 26 04:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	286875	95.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.58%	
35) Dibromofluoromethane	5.49	113	214742	97.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.66%	
50) Toluene-d8	8.71	98	860333	98.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.16%	
62) 4-Bromofluorobenzene	11.13	95	330840	102.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	211586	94.404	ug/l	100
3) Chloromethane	1.32	50	285137	86.282	ug/l	100
4) Vinyl Chloride	1.40	62	297819	91.885	ug/l	100
5) Bromomethane	1.64	94	165219	83.124	ug/l	100
6) Chloroethane	1.70	64	189257	98.510	ug/l	100
7) Trichlorofluoromethane	1.92	101	338581	92.116	ug/l	99
8) Diethyl Ether	2.18	74	159717	90.539	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204826	93.793	ug/l	100
10) Methyl Iodide	2.51	142	224450	85.200	ug/l	100
11) Tert butyl alcohol	3.06	59	327535	484.970	ug/l	100
12) 1,1-Dichloroethene	2.37	96	209918	92.789	ug/l	97
13) Acrolein	2.29	56	227600	413.795	ug/l	100
14) Allyl chloride	2.72	41	479607	96.161	ug/l	100
15) Acrylonitrile	3.14	53	814793	473.977	ug/l	100
16) Acetone	2.45	43	727876	480.170	ug/l	99
17) Carbon Disulfide	2.56	76	655350	90.852	ug/l	100
18) Methyl Acetate	2.77	43	345456	91.696	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	789583	97.023	ug/l	99
20) Methylene Chloride	2.85	84	252489	92.485	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	225489	92.377	ug/l	97
22) Diisopropyl ether	3.85	45	934805	96.096	ug/l	100
23) Vinyl Acetate	3.81	43	4229591	493.004	ug/l	99
24) 1,1-Dichloroethane	3.69	63	469563	94.764	ug/l	98
25) 2-Butanone	4.68	43	1205432	485.336	ug/l	99
26) 2,2-Dichloropropane	4.58	77	328113	102.076	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	262999	94.015	ug/l	100
28) Bromochloromethane	5.01	49	223120	91.521	ug/l	100
29) Tetrahydrofuran	5.13	42	775616	472.594	ug/l	100
30) Chloroform	5.21	83	425214	95.117	ug/l	100
31) Cyclohexane	5.58	56	445094	93.845	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	351955	99.297	ug/l	99
36) 1,1-Dichloropropene	5.80	75	338001	97.098	ug/l	99
37) Ethyl Acetate	4.84	43	449400	95.790	ug/l	99
38) Carbon Tetrachloride	5.78	117	293538	98.125	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008413.D
 Acq On : 25 Mar 2019 15:17
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:40 AM

Quant Time: Mar 26 04:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414954	97.176	ug/l	99
40) Benzene	6.14	78	1016681	95.785	ug/l	99
41) Methacrylonitrile	5.04	41	255584	99.730	ug/l	100
42) 1,2-Dichloroethane	6.19	62	362618	94.123	ug/l	100
43) Isopropyl Acetate	6.45	43	742930	101.418	ug/l	100
44) Trichloroethene	7.21	130	235479	95.456	ug/l	98
45) 1,2-Dichloropropane	7.51	63	290003	96.504	ug/l	98
46) Dibromomethane	7.66	93	168681	94.776	ug/l	99
47) Bromodichloromethane	7.90	83	341717	100.484	ug/l	99
48) Methyl methacrylate	7.77	41	376634	101.551	ug/l	99
49) 1,4-Dioxane	7.74	88	139589	1864.394	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2429822	503.492	ug/l	99
52) Toluene	8.79	92	614282	98.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	403379	110.097	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	437827	105.767	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	250244	96.574	ug/l	98
56) Ethyl methacrylate	9.18	69	489069	106.461	ug/l	100
57) 1,3-Dichloropropane	9.37	76	447016	97.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1214408	494.818	ug/l	99
59) 2-Hexanone	9.49	43	1880904	505.150	ug/l	100
60) Dibromochloromethane	9.58	129	257508	106.945	ug/l	98
61) 1,2-Dibromoethane	9.67	107	261874	99.694	ug/l	99
64) Tetrachloroethene	9.34	164	191921	94.022	ug/l	98
65) Chlorobenzene	10.14	112	642002	97.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	231337	101.639	ug/l	99
67) Ethyl Benzene	10.25	91	1210961	98.398	ug/l	100
68) m/p-Xylenes	10.36	106	886184	200.424	ug/l	99
69) o-Xylene	10.69	106	432570	100.042	ug/l	100
70) Styrene	10.71	104	773892	103.173	ug/l	100
71) Bromoform	10.85	173	196753	111.507	ug/l	100
73) Isopropylbenzene	11.02	105	1141157	94.817	ug/l	100
74) N-amyl acetate	10.90	43	695809	98.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	435741	91.111	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	423602m	106.084	ug/l	
77) Bromobenzene	11.26	156	278215	97.347	ug/l	99
78) n-propylbenzene	11.36	91	1373474	97.437	ug/l	100
79) 2-Chlorotoluene	11.42	91	808708	93.906	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	984295	96.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	156466	111.973	ug/l	97
82) 4-Chlorotoluene	11.51	91	954747	96.384	ug/l	99
83) tert-Butylbenzene	11.77	119	959949	98.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	996991	97.425	ug/l	100
85) sec-Butylbenzene	11.94	105	1132612	96.798	ug/l	99
86) p-Isopropyltoluene	12.06	119	1026776	99.564	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	498667	97.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	496729	95.062	ug/l	99
89) n-Butylbenzene	12.39	91	1004301	102.101	ug/l	99
90) Hexachloroethane	12.60	117	178735	104.708	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	491165	94.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	98122	96.426	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008413.D
Acq On : 25 Mar 2019 15:17
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
3/26/2019 9:46:40 AM

Quant Time: Mar 26 04:38:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:13:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	342716	97.388	ug/l	100
94) Hexachlorobutadiene	13.78	225	162090	97.562	ug/l	99
95) Naphthalene	13.83	128	1153975	94.137	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	338908	95.882	ug/l	99

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

