

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008446.D
 Acq On : 26 Mar 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 10:40:44 AM

Quant Time: Mar 27 01:58:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	375361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	166498	48.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	124585	50.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	501016	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	194598	53.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	144073	53.941	ug/l	100
3) Chloromethane	1.32	50	179525	53.304	ug/l	99
4) Vinyl Chloride	1.40	62	196265	52.628	ug/l	99
5) Bromomethane	1.64	94	86460	44.383	ug/l	99
6) Chloroethane	1.71	64	118717	53.736	ug/l	98
7) Trichlorofluoromethane	1.92	101	227062	53.759	ug/l	98
8) Diethyl Ether	2.18	74	106321	53.191	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142347	55.766	ug/l	99
10) Methyl Iodide	2.50	142	112594	45.719	ug/l	100
11) Tert butyl alcohol	3.06	59	203155	266.922	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140681	53.365	ug/l	98
13) Acrolein	2.29	56	206044	372.790	ug/l	100
14) Allyl chloride	2.72	41	311381	53.615	ug/l	99
15) Acrylonitrile	3.14	53	512571	256.832	ug/l	100
16) Acetone	2.44	43	540984	301.309	ug/l	99
17) Carbon Disulfide	2.56	76	422693	55.931	ug/l	99
18) Methyl Acetate	2.77	43	219998	51.018	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	515621	54.278	ug/l	99
20) Methylene Chloride	2.85	84	165599	56.597	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	148261	56.477	ug/l	97
22) Diisopropyl ether	3.85	45	618957	54.125	ug/l	96
23) Vinyl Acetate	3.81	43	2739684	274.599	ug/l	99
24) 1,1-Dichloroethane	3.69	63	310934	53.856	ug/l	99
25) 2-Butanone	4.67	43	797507	277.064	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217195	56.561	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	173065	53.687	ug/l	100
28) Bromochloromethane	5.01	49	139076	48.759	ug/l	100
29) Tetrahydrofuran	5.12	42	485420	255.877	ug/l	100
30) Chloroform	5.20	83	281912	54.107	ug/l	100
31) Cyclohexane	5.57	56	300200	54.519	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	230539	55.355	ug/l	99
36) 1,1-Dichloropropene	5.79	75	223138	55.754	ug/l	99
37) Ethyl Acetate	4.83	43	284250	54.824	ug/l	100
38) Carbon Tetrachloride	5.78	117	192665	57.685	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032619\
 Data File : VX008446.D
 Acq On : 26 Mar 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 10:40:44 AM

Quant Time: Mar 27 01:58:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283256	59.222	ug/l	99
40) Benzene	6.13	78	665417	55.537	ug/l	100
41) Methacrylonitrile	5.04	41	162158	55.654	ug/l	100
42) 1,2-Dichloroethane	6.18	62	238280	54.317	ug/l	100
43) Isopropyl Acetate	6.44	43	464619	56.025	ug/l	100
44) Trichloroethene	7.21	130	155707	55.348	ug/l	98
45) 1,2-Dichloropropane	7.51	63	192532	56.534	ug/l	98
46) Dibromomethane	7.66	93	109801	55.212	ug/l	99
47) Bromodichloromethane	7.90	83	220923	58.038	ug/l	99
48) Methyl methacrylate	7.76	41	237799	57.308	ug/l	99
49) 1,4-Dioxane	7.74	88	90664	1098.874	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1537864	285.509	ug/l	100
52) Toluene	8.78	92	404975	56.529	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	252372	60.531	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	280630	59.191	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	162603	55.757	ug/l	99
56) Ethyl methacrylate	9.18	69	310262	58.939	ug/l	100
57) 1,3-Dichloropropane	9.37	76	291788	55.806	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	706365	259.587	ug/l	100
59) 2-Hexanone	9.49	43	1235138	295.935	ug/l	100
60) Dibromochloromethane	9.58	129	163556	58.972	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168624	56.659	ug/l	99
64) Tetrachloroethene	9.34	164	127215	54.596	ug/l	97
65) Chlorobenzene	10.13	112	418977	55.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	148191	57.386	ug/l	99
67) Ethyl Benzene	10.25	91	797923	56.485	ug/l	99
68) m/p-Xylenes	10.35	106	584255	113.689	ug/l	99
69) o-Xylene	10.69	106	281862	56.518	ug/l	100
70) Styrene	10.71	104	503835	58.487	ug/l	100
71) Bromoform	10.85	173	121867	59.757	ug/l #	99
73) Isopropylbenzene	11.02	105	757850	54.202	ug/l	100
74) N-amyl acetate	10.90	43	445770	55.081	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	280628	51.729	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	240557m	47.081	ug/l	
77) Bromobenzene	11.26	156	180395	53.160	ug/l	100
78) n-propylbenzene	11.36	91	918604	56.084	ug/l	100
79) 2-Chlorotoluene	11.42	91	535866	53.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656843	55.567	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94570	59.282	ug/l	99
82) 4-Chlorotoluene	11.51	91	636140	55.358	ug/l	100
83) tert-Butylbenzene	11.77	119	628452	55.105	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	659774	55.183	ug/l	99
85) sec-Butylbenzene	11.94	105	767688	56.525	ug/l	100
86) p-Isopropyltoluene	12.06	119	688069	57.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	331727	54.713	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	334593	54.681	ug/l	99
89) n-Butylbenzene	12.38	91	671533	59.153	ug/l	100
90) Hexachloroethane	12.60	117	115884	58.044	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	327842	53.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60473	51.124	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032619\
Data File : VX008446.D
Acq On : 26 Mar 2019 09:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/27/2019 10:40:44 AM

Quant Time: Mar 27 01:58:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229634	56.175	ug/l	100
94) Hexachlorobutadiene	13.78	225	111035	57.204	ug/l	100
95) Naphthalene	13.83	128	748928	53.439	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	224432	54.637	ug/l	99

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

