

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013913.D
 Acq On : 10 Dec 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:28 PM

Quant Time: Dec 11 04:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	540969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	382869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	302034	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	252681	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.71	98	943775	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.14	95	343344	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	276522	45.924	ug/l	98
3) Chloromethane	1.32	50	315750	46.734	ug/l	99
4) Vinyl Chloride	1.40	62	375013	49.315	ug/l	99
5) Bromomethane	1.63	94	230964	45.226	ug/l	99
6) Chloroethane	1.71	64	214268	49.516	ug/l	96
7) Trichlorofluoromethane	1.92	101	403851	47.827	ug/l	99
8) Diethyl Ether	2.18	74	189147	49.513	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	250157	48.502	ug/l	99
10) Methyl Iodide	2.50	142	314548	50.416	ug/l	100
11) Tert butyl alcohol	3.03	59	340535	219.705	ug/l	98
12) 1,1-Dichloroethene	2.36	96	247055	47.988	ug/l	99
13) Acrolein	2.28	56	263752	254.339	ug/l	100
14) Allyl chloride	2.72	41	452686	48.453	ug/l	99
15) Acrylonitrile	3.13	53	808676	252.758	ug/l	100
16) Acetone	2.44	43	704277	227.169	ug/l	98
17) Carbon Disulfide	2.56	76	610130	41.573	ug/l	100
18) Methyl Acetate	2.76	43	468606	54.281	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	854587	50.108	ug/l	100
20) Methylene Chloride	2.84	84	291832	48.997	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	263278	46.943	ug/l	99
22) Diisopropyl ether	3.84	45	936693	52.068	ug/l	98
23) Vinyl Acetate	3.80	43	3745965	250.304	ug/l	100
24) 1,1-Dichloroethane	3.69	63	501435	50.988	ug/l	99
25) 2-Butanone	4.66	43	1138498	247.095	ug/l	100
26) 2,2-Dichloropropane	4.58	77	354173	43.528	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	316339	49.115	ug/l	99
28) Bromochloromethane	5.00	49	213107	54.836	ug/l	98
29) Tetrahydrofuran	5.11	42	730370	257.136	ug/l	99
30) Chloroform	5.20	83	491045	49.234	ug/l	99
31) Cyclohexane	5.57	56	434634	46.857	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	415073	49.801	ug/l	99
36) 1,1-Dichloropropene	5.79	75	362365	46.790	ug/l	100
37) Ethyl Acetate	4.83	43	433500	49.896	ug/l	100
38) Carbon Tetrachloride	5.78	117	344124	48.190	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013913.D
 Acq On : 10 Dec 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:28 PM

Quant Time: Dec 11 04:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	431197	45.044	ug/l	99
40) Benzene	6.14	78	1120654	47.512	ug/l	100
41) Methacrylonitrile	5.03	41	243815	51.171	ug/l	99
42) 1,2-Dichloroethane	6.19	62	395425	49.157	ug/l	100
43) Isopropyl Acetate	6.44	43	700818	48.997	ug/l	99
44) Trichloroethene	7.21	130	318284	49.168	ug/l	96
45) 1,2-Dichloropropane	7.51	63	300034	50.841	ug/l	96
46) Dibromomethane	7.65	93	191292	47.727	ug/l	99
47) Bromodichloromethane	7.89	83	379692	50.110	ug/l	97
48) Methyl methacrylate	7.76	41	351745	50.614	ug/l	99
49) 1,4-Dioxane	7.73	88	132224	849.992	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	2271221	252.439	ug/l	99
52) Toluene	8.78	92	705570	48.152	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	407398	47.237	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	459438	48.759	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	297776	50.428	ug/l	97
56) Ethyl methacrylate	9.17	69	476709	50.214	ug/l	99
57) 1,3-Dichloropropane	9.37	76	503064	49.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	908116	243.972	ug/l	99
59) 2-Hexanone	9.49	43	1730670	246.637	ug/l	99
60) Dibromochloromethane	9.58	129	305155	49.796	ug/l	99
61) 1,2-Dibromoethane	9.67	107	307054	48.687	ug/l	99
64) Tetrachloroethene	9.33	164	300025	52.222	ug/l	99
65) Chlorobenzene	10.14	112	766087	47.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	286179	49.825	ug/l	100
67) Ethyl Benzene	10.25	91	1348977	49.079	ug/l	99
68) m/p-Xylenes	10.36	106	1018115	96.751	ug/l	100
69) o-Xylene	10.70	106	496421	48.369	ug/l	99
70) Styrene	10.71	104	860606	49.849	ug/l	99
71) Bromoform	10.85	173	236974	49.864	ug/l #	98
73) Isopropylbenzene	11.01	105	1322825	49.255	ug/l	100
74) N-amyl acetate	10.89	43	614697	49.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	475107	51.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	433482m	50.338	ug/l	
77) Bromobenzene	11.25	156	344838	47.528	ug/l	97
78) n-propylbenzene	11.35	91	1478255	49.307	ug/l	100
79) 2-Chlorotoluene	11.42	91	869805	48.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1087909	49.424	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	148742	47.255	ug/l	99
82) 4-Chlorotoluene	11.51	91	1004768	48.237	ug/l	99
83) tert-Butylbenzene	11.76	119	1083141	48.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1090154	48.799	ug/l	99
85) sec-Butylbenzene	11.94	105	1269054	49.666	ug/l	99
86) p-Isopropyltoluene	12.06	119	1172325	49.318	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	601612	47.568	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	598687	46.474	ug/l	100
89) n-Butylbenzene	12.39	91	994056	49.031	ug/l	99
90) Hexachloroethane	12.59	117	207104	48.202	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	610753	48.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	98640	48.634	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
Data File : VX013913.D
Acq On : 10 Dec 2019 21:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
12/11/2019 2:14:28 PM

Quant Time: Dec 11 04:10:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	392213	45.036	ug/l	98
94) Hexachlorobutadiene	13.78	225	183873	43.951	ug/l	100
95) Naphthalene	13.83	128	1255447	48.406	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	402250	46.649	ug/l	99

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

