

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004619.D
 Acq On : 16 Sep 2018 07:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:29 PM

Quant Time: Sep 17 08:49:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160877	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.50	113	145074	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.72	98	446434	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	11.14	95	163647	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109515	47.82	ug/l	95
3) Chloromethane	1.32	50	155743	49.41	ug/l	99
4) Vinyl Chloride	1.40	62	159972	49.45	ug/l	99
5) Bromomethane	1.64	94	65934	48.65	ug/l	97
6) Chloroethane	1.71	64	110339	52.75	ug/l	99
7) Trichlorofluoromethane	1.93	101	191721	44.71	ug/l	86
8) Diethyl Ether	2.19	74	103880	54.03	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119468	43.92	ug/l	98
10) Methyl Iodide	2.51	142	137333	42.89	ug/l	96
11) Tert butyl alcohol	3.07	59	189593	252.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	126402	49.51	ug/l	91
13) Acrolein	2.29	56	92201	310.67	ug/l	99
14) Allyl chloride	2.73	41	251219	47.86	ug/l	93
15) Acrylonitrile	3.15	53	468794	258.93	ug/l	96
16) Acetone	2.45	43	357733	232.62	ug/l	95
17) Carbon Disulfide	2.57	76	363523	49.26	ug/l	98
18) Methyl Acetate	2.78	43	221371	51.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	465843	52.00	ug/l	95
20) Methylene Chloride	2.85	84	157823	50.03	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	148893	52.77	ug/l	88
22) Diisopropyl ether	3.87	45	529598	56.02	ug/l	95
23) Vinyl Acetate	3.82	43	2091675	273.40	ug/l	95
24) 1,1-Dichloroethane	3.69	63	276190	51.74	ug/l	97
25) 2-Butanone	4.70	43	575998	235.34	ug/l	99
26) 2,2-Dichloropropane	4.59	77	113371	30.92	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	168891	53.62	ug/l	94
28) Bromochloromethane	5.02	49	133080	54.51	ug/l	99
29) Tetrahydrofuran	5.15	42	383848	260.07	ug/l	97
30) Chloroform	5.22	83	271496	52.10	ug/l	90
31) Cyclohexane	5.57	56	215267	47.23	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	211905	50.49	ug/l	99
36) 1,1-Dichloropropene	5.79	75	184618	46.68	ug/l	98
37) Ethyl Acetate	4.85	43	227279	50.53	ug/l	98
38) Carbon Tetrachloride	5.78	117	179626	46.50	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091518\
 Data File : VX004619.D
 Acq On : 16 Sep 2018 07:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:29 PM

Quant Time: Sep 17 08:49:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178307	43.20	ug/l	96
40) Benzene	6.14	78	600299	51.16	ug/l	96
41) Methacrylonitrile	5.06	41	122387	49.38	ug/l	99
42) 1,2-Dichloroethane	6.20	62	201782	51.85	ug/l	99
43) Isopropyl Acetate	6.46	43	315279	52.77	ug/l	99
44) Trichloroethene	7.21	130	142294	46.68	ug/l	96
45) 1,2-Dichloropropane	7.52	63	138425	49.03	ug/l	98
46) Dibromomethane	7.66	93	88015	49.34	ug/l	99
47) Bromodichloromethane	7.90	83	166506	49.36	ug/l	100
48) Methyl methacrylate	7.77	41	149697	50.63	ug/l	97
49) 1,4-Dioxane	7.76	88	71101	1016.04	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	950138	225.36	ug/l	98
52) Toluene	8.79	92	315891	45.69	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	203686	51.69	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	191045	47.56	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	160778	54.01	ug/l	90
56) Ethyl methacrylate	9.18	69	249952	59.35	ug/l	98
57) 1,3-Dichloropropane	9.37	76	263087	54.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	511865	238.90	ug/l	96
59) 2-Hexanone	9.49	43	788711	243.89	ug/l	96
60) Dibromochloromethane	9.59	129	144173	51.44	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141356	49.71	ug/l	98
64) Tetrachloroethene	9.34	164	184810	51.04	ug/l	94
65) Chlorobenzene	10.14	112	357707	49.65	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	130341	52.46	ug/l	100
67) Ethyl Benzene	10.26	91	584184	49.87	ug/l	99
68) m/p-Xylenes	10.36	106	457669	101.42	ug/l	98
69) o-Xylene	10.70	106	227573	52.46	ug/l	100
70) Styrene	10.71	104	386412	53.76	ug/l	99
71) Bromoform	10.86	173	108160	53.02	ug/l	98
73) Isopropylbenzene	11.02	105	586598	42.37	ug/l	100
74) N-amyl acetate	10.90	43	263748	45.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	192644	43.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	178699m	42.26	ug/l	
77) Bromobenzene	11.26	156	166456	43.50	ug/l	99
78) n-propylbenzene	11.36	91	660777	41.51	ug/l	100
79) 2-Chlorotoluene	11.42	91	406975	42.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	541340	46.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49955	37.65	ug/l	95
82) 4-Chlorotoluene	11.51	91	505821	44.89	ug/l	98
83) tert-Butylbenzene	11.77	119	592308	53.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	614244	51.70	ug/l	99
85) sec-Butylbenzene	11.94	105	734794	52.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	625360	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	350213	49.06	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	358624	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	532539	46.87	ug/l	95
90) Hexachloroethane	12.60	117	92474	46.33	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	344966	47.74	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53203	55.80	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091518\
Data File : VX004619.D
Acq On : 16 Sep 2018 07:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/17/2018 6:27:29 PM

Quant Time: Sep 17 08:49:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	284748	55.66	ug/l	98
94) Hexachlorobutadiene	13.79	225	122284	45.76	ug/l	95
95) Naphthalene	13.83	128	909501	63.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284830	54.19	ug/l	98

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

