

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122618\
 Data File : VX006829.D
 Acq On : 26 Dec 2018 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:40:49 AM

Quant Time: Dec 27 04:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	571945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	851090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	757342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377014	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296215	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	270317	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.71	98	957647	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.13	95	352594	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	224793	42.963	ug/l	99
3) Chloromethane	1.33	50	245753	43.596	ug/l	99
4) Vinyl Chloride	1.41	62	270298	45.912	ug/l	100
5) Bromomethane	1.64	94	217892	39.247	ug/l	98
6) Chloroethane	1.71	64	178819	43.866	ug/l	97
7) Trichlorofluoromethane	1.93	101	429917	46.838	ug/l	97
8) Diethyl Ether	2.19	74	172897	47.425	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	245691	45.588	ug/l	99
10) Methyl Iodide	2.51	142	322057	41.746	ug/l	99
11) Tert butyl alcohol	3.07	59	324846	236.136	ug/l	98
12) 1,1-Dichloroethene	2.37	96	233459	45.685	ug/l	98
13) Acrolein	2.29	56	227043	244.648	ug/l	98
14) Allyl chloride	2.73	41	420568	48.894	ug/l	99
15) Acrylonitrile	3.15	53	776765	254.308	ug/l	100
16) Acetone	2.45	43	628624	221.970	ug/l	100
17) Carbon Disulfide	2.57	76	539050	39.861	ug/l	99
18) Methyl Acetate	2.78	43	455132	54.654	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	875209	51.602	ug/l	97
20) Methylene Chloride	2.85	84	276878	47.280	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	255012	45.039	ug/l	99
22) Diisopropyl ether	3.87	45	813655	51.706	ug/l	98
23) Vinyl Acetate	3.82	43	3272384	254.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	447954	47.686	ug/l	98
25) 2-Butanone	4.70	43	956314	240.064	ug/l	98
26) 2,2-Dichloropropane	4.59	77	306364	42.220	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	298289	47.749	ug/l	99
28) Bromochloromethane	5.02	49	209608	53.046	ug/l	98
29) Tetrahydrofuran	5.15	42	649917	247.709	ug/l	98
30) Chloroform	5.21	83	471464	48.466	ug/l	98
31) Cyclohexane	5.57	56	344693	40.391	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	390275	47.514	ug/l	98
36) 1,1-Dichloropropene	5.80	75	329802	46.787	ug/l	99
37) Ethyl Acetate	4.85	43	378165	51.544	ug/l	98
38) Carbon Tetrachloride	5.78	117	329504	48.099	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122618\
 Data File : VX006829.D
 Acq On : 26 Dec 2018 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:40:49 AM

Quant Time: Dec 27 04:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	353370	38.078	ug/l	99
40) Benzene	6.14	78	1031622	48.147	ug/l	98
41) Methacrylonitrile	5.06	41	213091	54.706	ug/l	98
42) 1,2-Dichloroethane	6.20	62	359874	49.290	ug/l	100
43) Isopropyl Acetate	6.46	43	616120	55.192	ug/l	98
44) Trichloroethene	7.21	130	296986	45.795	ug/l	93
45) 1,2-Dichloropropane	7.51	63	263485	50.533	ug/l	97
46) Dibromomethane	7.66	93	188156	49.059	ug/l	97
47) Bromodichloromethane	7.90	83	327165	51.381	ug/l	97
48) Methyl methacrylate	7.77	41	314391	55.382	ug/l	97
49) 1,4-Dioxane	7.75	88	132587	890.485	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1977078	278.353	ug/l	99
52) Toluene	8.78	92	658316	47.558	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	366443	53.660	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	400734	53.480	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	284950	50.291	ug/l	99
56) Ethyl methacrylate	9.18	69	437053	54.576	ug/l	95
57) 1,3-Dichloropropane	9.37	76	455545	49.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1137662	267.254	ug/l	99
59) 2-Hexanone	9.49	43	1467238	269.988	ug/l	99
60) Dibromochloromethane	9.59	129	287165	48.530	ug/l	98
61) 1,2-Dibromoethane	9.67	107	305103	50.655	ug/l	100
64) Tetrachloroethene	9.34	164	263667	43.967	ug/l	97
65) Chlorobenzene	10.14	112	772655	48.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	275114	55.035	ug/l	100
67) Ethyl Benzene	10.25	91	1226311	46.839	ug/l	99
68) m/p-Xylenes	10.36	106	976762	94.546	ug/l	99
69) o-Xylene	10.69	106	485962	47.635	ug/l	98
70) Styrene	10.71	104	811675	50.290	ug/l	99
71) Bromoform	10.86	173	216088	48.108	ug/l	98
73) Isopropylbenzene	11.02	105	1225943	47.531	ug/l	99
74) N-amyl acetate	10.90	43	565303	61.232	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	424461	55.336	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	400051m	57.097	ug/l	
77) Bromobenzene	11.26	156	358614	51.429	ug/l	99
78) n-propylbenzene	11.36	91	1338011	47.109	ug/l	99
79) 2-Chlorotoluene	11.42	91	816864	47.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	979770	46.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	113964	49.543	ug/l	97
82) 4-Chlorotoluene	11.51	91	958574	48.551	ug/l	100
83) tert-Butylbenzene	11.77	119	984321	46.295	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1011159	45.252	ug/l	100
85) sec-Butylbenzene	11.94	105	1154669	44.294	ug/l	100
86) p-Isopropyltoluene	12.06	119	1030214	44.957	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	606092	48.228	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	608980	47.270	ug/l	99
89) n-Butylbenzene	12.38	91	886763	45.470	ug/l	99
90) Hexachloroethane	12.60	117	146696	41.503	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	596431	47.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	84078	52.974	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
Data File : VX006829.D
Acq On : 26 Dec 2018 20:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/27/2018 9:40:49 AM

Quant Time: Dec 27 04:51:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	381485	43.992	ug/l	99
94) Hexachlorobutadiene	13.78	225	164726	40.301	ug/l	99
95) Naphthalene	13.83	128	1137158	41.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	373878	41.758	ug/l	97

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

