

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009469.D
 Acq On : 10 May 2019 08:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:13:06 PM

Quant Time: May 10 09:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108239	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.49	113	80730	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.71	98	322938	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	119561	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70151	49.233	ug/l	99
3) Chloromethane	1.32	50	103517	53.214	ug/l	100
4) Vinyl Chloride	1.41	62	103882	54.763	ug/l	98
5) Bromomethane	1.64	94	64126	56.322	ug/l	99
6) Chloroethane	1.71	64	68157	55.963	ug/l	99
7) Trichlorofluoromethane	1.92	101	128877	55.892	ug/l	99
8) Diethyl Ether	2.19	74	59902	54.844	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76128	52.575	ug/l	99
10) Methyl Iodide	2.51	142	94745	55.735	ug/l	99
11) Tert butyl alcohol	3.05	59	132132	270.434	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81888	56.443	ug/l	95
13) Acrolein	2.29	56	99412	224.667	ug/l	100
14) Allyl chloride	2.73	41	184263	52.116	ug/l	100
15) Acrylonitrile	3.14	53	320719	268.464	ug/l	100
16) Acetone	2.44	43	275020	242.650	ug/l	98
17) Carbon Disulfide	2.57	76	233235	57.261	ug/l	99
18) Methyl Acetate	2.77	43	137108	50.866	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	310626	55.136	ug/l	98
20) Methylene Chloride	2.85	84	97526	53.144	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	88589	56.304	ug/l	99
22) Diisopropyl ether	3.85	45	375838	55.275	ug/l	99
23) Vinyl Acetate	3.81	43	1646145	282.726	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182284	54.345	ug/l	99
25) 2-Butanone	4.67	43	468321	265.899	ug/l	100
26) 2,2-Dichloropropane	4.58	77	90895	36.406	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	103371	55.042	ug/l	95
28) Bromochloromethane	5.01	49	66623	49.304	ug/l	100
29) Tetrahydrofuran	5.13	42	312739	275.937	ug/l	99
30) Chloroform	5.21	83	168679	55.602	ug/l	98
31) Cyclohexane	5.58	56	170367	54.593	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140355	55.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127178	54.063	ug/l	99
37) Ethyl Acetate	4.83	43	179605	54.798	ug/l	99
38) Carbon Tetrachloride	5.78	117	117193	54.832	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009469.D
 Acq On : 10 May 2019 08:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:13:06 PM

Quant Time: May 10 09:20:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147543	51.071	ug/l	100
40) Benzene	6.14	78	400227	54.974	ug/l	99
41) Methacrylonitrile	5.04	41	102535	52.554	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144151	55.198	ug/l	99
43) Isopropyl Acetate	6.45	43	287479	54.835	ug/l	100
44) Trichloroethene	7.21	130	94845	53.889	ug/l	97
45) 1,2-Dichloropropane	7.51	63	112959	54.795	ug/l	98
46) Dibromomethane	7.66	93	65094	54.376	ug/l	99
47) Bromodichloromethane	7.90	83	131731	55.165	ug/l	98
48) Methyl methacrylate	7.77	41	145068	55.774	ug/l	99
49) 1,4-Dioxane	7.74	88	54917	1041.118	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	939613	274.203	ug/l	100
52) Toluene	8.78	92	242171	54.722	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	141370	52.437	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158649	53.166	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	98609	54.617	ug/l	98
56) Ethyl methacrylate	9.18	69	179899	55.820	ug/l	100
57) 1,3-Dichloropropane	9.37	76	171349	53.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	423015	247.419	ug/l	100
59) 2-Hexanone	9.49	43	734575	272.945	ug/l	99
60) Dibromochloromethane	9.58	129	98759	56.006	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100578	55.187	ug/l	99
64) Tetrachloroethene	9.34	164	89801	56.251	ug/l	98
65) Chlorobenzene	10.13	112	251925	54.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92518	54.813	ug/l	99
67) Ethyl Benzene	10.25	91	468316	54.657	ug/l	99
68) m/p-Xylenes	10.36	106	344429	110.003	ug/l	98
69) o-Xylene	10.69	106	169239	54.783	ug/l	100
70) Styrene	10.71	104	298704	55.631	ug/l	100
71) Bromoform	10.85	173	76133	55.505	ug/l #	100
73) Isopropylbenzene	11.02	105	444351	53.001	ug/l	99
74) N-amyl acetate	10.90	43	267788	54.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165578	52.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140345m	52.479	ug/l	
77) Bromobenzene	11.26	156	112046	53.845	ug/l	99
78) n-propylbenzene	11.36	91	510260	53.293	ug/l	99
79) 2-Chlorotoluene	11.42	91	308377	52.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	377443	53.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48894	46.779	ug/l	96
82) 4-Chlorotoluene	11.51	91	353960	53.041	ug/l	99
83) tert-Butylbenzene	11.77	119	363545	52.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	383845	54.173	ug/l	99
85) sec-Butylbenzene	11.94	105	424479	52.138	ug/l	100
86) p-Isopropyltoluene	12.06	119	389300	53.189	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199221	53.705	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201086	53.768	ug/l	99
89) n-Butylbenzene	12.38	91	346484	52.376	ug/l	99
90) Hexachloroethane	12.60	117	66836	53.600	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	204365	54.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37145	52.981	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009469.D
Acq On : 10 May 2019 08:05
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:13:06 PM

Quant Time: May 10 09:20:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140208	54.265	ug/l	99
94) Hexachlorobutadiene	13.78	225	67153	50.896	ug/l	99
95) Naphthalene	13.83	128	457747	54.454	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141624	54.074	ug/l	100

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

