

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007665.D
 Acq On : 25 Feb 2019 11:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:30:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215478	58.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.14%	
35) Dibromofluoromethane	5.50	113	186606	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.71	98	717182	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.13	95	263787	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163380	42.285	ug/l	98
3) Chloromethane	1.33	50	165895	42.492	ug/l	99
4) Vinyl Chloride	1.41	62	179208	46.789	ug/l	99
5) Bromomethane	1.64	94	115206	26.424	ug/l	98
6) Chloroethane	1.72	64	111316	44.928	ug/l	96
7) Trichlorofluoromethane	1.93	101	274906	45.882	ug/l	94
8) Diethyl Ether	2.19	74	107059	47.473	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160290	44.975	ug/l	93
10) Methyl Iodide	2.51	142	223638	42.656	ug/l	97
11) Tert butyl alcohol	3.07	59	199121	261.525	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149436	45.154	ug/l	94
13) Acrolein	2.30	56	179733	503.407	ug/l	99
14) Allyl chloride	2.73	41	277711	51.500	ug/l	98
15) Acrylonitrile	3.15	53	479879	254.780	ug/l	99
16) Acetone	2.45	43	457403	271.411	ug/l	100
17) Carbon Disulfide	2.57	76	419603	48.050	ug/l	99
18) Methyl Acetate	2.78	43	204675	42.924	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	521840	48.671	ug/l	99
20) Methylene Chloride	2.86	84	166142	43.610	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	163577	46.399	ug/l	95
22) Diisopropyl ether	3.87	45	589812	59.463	ug/l	99
23) Vinyl Acetate	3.82	43	2608905	316.961	ug/l	100
24) 1,1-Dichloroethane	3.70	63	314322	55.181	ug/l	99
25) 2-Butanone	4.70	43	732210	305.296	ug/l	100
26) 2,2-Dichloropropane	4.59	77	250782	57.810	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	205680	53.414	ug/l	97
28) Bromochloromethane	5.02	49	152598	58.254	ug/l	90
29) Tetrahydrofuran	5.15	42	480378	318.468	ug/l	99
30) Chloroform	5.21	83	336401	56.596	ug/l	96
31) Cyclohexane	5.57	56	291834	57.043	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	282133	56.232	ug/l	97
36) 1,1-Dichloropropene	5.80	75	244152	48.998	ug/l	98
37) Ethyl Acetate	4.85	43	276537	54.900	ug/l	99
38) Carbon Tetrachloride	5.79	117	244497	50.576	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007665.D
 Acq On : 25 Feb 2019 11:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:30:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	306409	50.824	ug/l	97
40) Benzene	6.14	78	756751	51.556	ug/l	100
41) Methacrylonitrile	5.06	41	149324	55.312	ug/l	100
42) 1,2-Dichloroethane	6.20	62	254737	50.159	ug/l	99
43) Isopropyl Acetate	6.46	43	441359	56.767	ug/l	99
44) Trichloroethene	7.21	130	203714	46.081	ug/l	89
45) 1,2-Dichloropropane	7.51	63	195615	53.190	ug/l	99
46) Dibromomethane	7.66	93	132478	49.562	ug/l	91
47) Bromodichloromethane	7.90	83	248101	54.768	ug/l	99
48) Methyl methacrylate	7.77	41	222419	57.192	ug/l	99
49) 1,4-Dioxane	7.75	88	93358	964.586	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1461675	285.582	ug/l	100
52) Toluene	8.79	92	483114	51.014	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	282037	57.961	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	306952	57.363	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	198376	50.252	ug/l	99
56) Ethyl methacrylate	9.18	69	296283	54.190	ug/l	99
57) 1,3-Dichloropropane	9.37	76	327845	52.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	796216	276.290	ug/l	98
59) 2-Hexanone	9.49	43	1137825	285.681	ug/l	100
60) Dibromochloromethane	9.58	129	201996	54.104	ug/l	97
61) 1,2-Dibromoethane	9.67	107	210745	50.411	ug/l	98
64) Tetrachloroethene	9.34	164	197502	41.762	ug/l	96
65) Chlorobenzene	10.14	112	532240	48.610	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	190185	51.808	ug/l	98
67) Ethyl Benzene	10.25	91	905701	51.366	ug/l	100
68) m/p-Xylenes	10.36	106	700115	99.886	ug/l	94
69) o-Xylene	10.70	106	339363	50.317	ug/l	95
70) Styrene	10.71	104	566931	51.831	ug/l	98
71) Bromoform	10.86	173	143804	50.629	ug/l	100
73) Isopropylbenzene	11.02	105	918831	52.270	ug/l	99
74) N-amyl acetate	10.90	43	405769	59.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	298239	55.670	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	254049m	50.491	ug/l	
77) Bromobenzene	11.26	156	226621	45.756	ug/l	89
78) n-propylbenzene	11.36	91	1069077	55.462	ug/l	97
79) 2-Chlorotoluene	11.42	91	627600	53.658	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	774952	53.886	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	95128	65.641	ug/l	97
82) 4-Chlorotoluene	11.51	91	749006	55.343	ug/l	96
83) tert-Butylbenzene	11.77	119	732049	51.414	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	794665	54.427	ug/l	97
85) sec-Butylbenzene	11.94	105	928220	53.863	ug/l	98
86) p-Isopropyltoluene	12.06	119	832220	53.498	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	416225	46.826	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	421432	46.732	ug/l	97
89) n-Butylbenzene	12.38	91	741671	55.423	ug/l	99
90) Hexachloroethane	12.60	117	136900	58.801	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	413185	46.709	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	67338	60.451	ug/l	85

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007665.D
Acq On : 25 Feb 2019 11:08
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
2/26/2019 2:57:34 PM

Quant Time: Feb 25 11:37:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 25 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255045	42.752	ug/l	98
94) Hexachlorobutadiene	13.78	225	112728	38.915	ug/l	98
95) Naphthalene	13.83	128	881102	50.506	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254779	42.428	ug/l	98

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

