

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008283.D
 Acq On : 21 Mar 2019 11:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 5:17:58 PM

Quant Time: Mar 22 08:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	238857	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.49	113	183724	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	8.71	98	707046	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
62) 4-Bromofluorobenzene	11.13	95	252766	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	201670	50.68	ug/l	98
3) Chloromethane	1.32	50	205046	41.07	ug/l	100
4) Vinyl Chloride	1.41	62	215333	43.26	ug/l	98
5) Bromomethane	1.64	94	196941	46.44	ug/l	99
6) Chloroethane	1.72	64	148062	47.44	ug/l	98
7) Trichlorofluoromethane	1.93	101	272383	42.87	ug/l	99
8) Diethyl Ether	2.19	74	148067	45.30	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	205382	48.69	ug/l	92
10) Methyl Iodide	2.51	142	261666	48.72	ug/l	97
11) Tert butyl alcohol	3.05	59	240310	227.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	189944	47.70	ug/l	92
13) Acrolein	2.29	56	178804	239.55	ug/l	99
14) Allyl chloride	2.73	41	408453	47.12	ug/l	93
15) Acrylonitrile	3.14	53	631404	225.60	ug/l	98
16) Acetone	2.45	43	703636	250.99	ug/l	97
17) Carbon Disulfide	2.57	76	602187	46.38	ug/l	100
18) Methyl Acetate	2.78	43	314725	48.49	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	688264	47.80	ug/l	100
20) Methylene Chloride	2.85	84	214099	45.80	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	202045	46.97	ug/l	96
22) Diisopropyl ether	3.85	45	796564	46.92	ug/l	# 87
23) Vinyl Acetate	3.81	43	3499192	240.40	ug/l	98
24) 1,1-Dichloroethane	3.70	63	408467	46.78	ug/l	99
25) 2-Butanone	4.67	43	978258	236.39	ug/l	97
26) 2,2-Dichloropropane	4.59	77	312911	47.57	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	230167	46.93	ug/l	92
28) Bromochloromethane	5.01	49	185093	47.21	ug/l	85
29) Tetrahydrofuran	5.13	42	599742	231.83	ug/l	98
30) Chloroform	5.21	83	386731	47.35	ug/l	100
31) Cyclohexane	5.58	56	401854	49.01	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	329929	48.56	ug/l	97
36) 1,1-Dichloropropene	5.80	75	306731	50.56	ug/l	97
37) Ethyl Acetate	4.83	43	355595	49.58	ug/l	98
38) Carbon Tetrachloride	5.79	117	286918	53.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	388995	53.28	ug/l	95
40) Benzene	6.14	78	895670	49.88	ug/l	99
41) Methacrylonitrile	5.04	41	198092	49.24	ug/l	98
42) 1,2-Dichloroethane	6.19	62	322308	49.00	ug/l	96
43) Isopropyl Acetate	6.44	43	589430	51.28	ug/l	97
44) Trichloroethene	7.21	130	219176	49.92	ug/l	91
45) 1,2-Dichloropropane	7.51	63	248861	49.51	ug/l	100
46) Dibromomethane	7.66	93	150329	49.39	ug/l	88
47) Bromodichloromethane	7.90	83	309444	53.35	ug/l	98
48) Methyl methacrylate	7.77	41	305202	49.93	ug/l	94
49) 1,4-Dioxane	7.74	88	105386	977.08	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1832926	246.64	ug/l	98
52) Toluene	8.78	92	542805	50.95	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	353907	48.76	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	380105	52.80	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	220942	51.33	ug/l	99
56) Ethyl methacrylate	9.18	69	367436	48.68	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	385259	50.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	937485	265.85	ug/l	95
59) 2-Hexanone	9.49	43	1409197	246.31	ug/l	97
60) Dibromochloromethane	9.58	129	235792	57.00	ug/l	99
61) 1,2-Dibromoethane	9.67	107	228603	50.87	ug/l	100
64) Tetrachloroethene	9.34	164	201829	48.27	ug/l	97
65) Chlorobenzene	10.13	112	572678	50.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	210461	52.93	ug/l	99
67) Ethyl Benzene	10.25	91	1043296	51.92	ug/l	97
68) m/p-Xylenes	10.36	106	771863	104.57	ug/l	94
69) o-Xylene	10.69	106	372866	51.98	ug/l	95
70) Styrene	10.71	104	612198	52.52	ug/l	96
71) Bromoform	10.85	173	176690	51.51	ug/l #	100
73) Isopropylbenzene	11.02	105	1017144	51.23	ug/l	98
74) N-amyl acetate	10.90	43	506104	48.65	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	334144	46.93	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288014m	45.97	ug/l	
77) Bromobenzene	11.26	156	238257	49.63	ug/l	87
78) n-propylbenzene	11.36	91	1193255	51.74	ug/l	96
79) 2-Chlorotoluene	11.42	91	684167	49.43	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	830985	50.66	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	114956	46.87	ug/l	96
82) 4-Chlorotoluene	11.51	91	803082	49.86	ug/l	95
83) tert-Butylbenzene	11.77	119	811592	51.82	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	847921	50.99	ug/l	97
85) sec-Butylbenzene	11.94	105	1012862	52.22	ug/l	97
86) p-Isopropyltoluene	12.06	119	878263	52.32	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	432057	50.36	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	433304	48.83	ug/l	98
89) n-Butylbenzene	12.38	91	839383	53.27	ug/l	97
90) Hexachloroethane	12.60	117	161118	56.35	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	424061	49.02	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	75979	48.05	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296437	52.02	ug/l	99
94) Hexachlorobutadiene	13.78	225	149611	53.84	ug/l	99
95) Naphthalene	13.83	128	929445	51.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290468	51.81	ug/l	99

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

