

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031619\
 Data File : VX008134.D
 Acq On : 16 Mar 2019 11:49
 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
 3/18/2019 10:36:49 AM

Quant Time: Mar 18 01:23:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118325	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	5.50	113	110954	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	419205	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	147557	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102883	49.257	ug/l	100
3) Chloromethane	1.33	50	91266	37.111	ug/l	99
4) Vinyl Chloride	1.41	62	97722	41.644	ug/l	99
5) Bromomethane	1.64	94	56865	49.898	ug/l	100
6) Chloroethane	1.72	64	59013	46.670	ug/l	99
7) Trichlorofluoromethane	1.93	101	139477	49.524	ug/l	99
8) Diethyl Ether	2.19	74	71447	51.034	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115965	55.093	ug/l	95
10) Methyl Iodide	2.51	142	172830	58.775	ug/l	97
11) Tert butyl alcohol	3.07	59	124888	245.588	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106297	53.429	ug/l	91
13) Acrolein	2.29	56	130552	278.708	ug/l	98
14) Allyl chloride	2.73	41	174874	48.258	ug/l #	95
15) Acrylonitrile	3.15	53	299275	241.348	ug/l	100
16) Acetone	2.45	43	309013	248.675	ug/l	97
17) Carbon Disulfide	2.57	76	300250	52.562	ug/l	100
18) Methyl Acetate	2.78	43	137213	51.089	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	345039	51.296	ug/l	98
20) Methylene Chloride	2.85	84	112529	50.704	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	112477	52.473	ug/l	92
22) Diisopropyl ether	3.87	45	348329	48.370	ug/l	96
23) Vinyl Acetate	3.82	43	1524292	248.883	ug/l	95
24) 1,1-Dichloroethane	3.70	63	193272	48.960	ug/l	98
25) 2-Butanone	4.70	43	447153	234.433	ug/l	93
26) 2,2-Dichloropropane	4.58	77	160204	53.121	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	130792	51.331	ug/l	93
28) Bromochloromethane	5.01	49	90741	48.670	ug/l	83
29) Tetrahydrofuran	5.15	42	271680	228.170	ug/l	91
30) Chloroform	5.21	83	201507	50.394	ug/l	100
31) Cyclohexane	5.57	56	189009	50.221	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	175977	52.247	ug/l	97
36) 1,1-Dichloropropene	5.80	75	155458	53.882	ug/l	98
37) Ethyl Acetate	4.85	43	154047	49.678	ug/l	96
38) Carbon Tetrachloride	5.78	117	159221	57.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208093	56.426	ug/l	98
40) Benzene	6.14	78	470116	53.187	ug/l	99
41) Methacrylonitrile	5.06	41	88189	48.847	ug/l	96
42) 1,2-Dichloroethane	6.20	62	149155	52.751	ug/l	98
43) Isopropyl Acetate	6.45	43	246506	49.362	ug/l	97
44) Trichloroethene	7.21	130	139762	54.789	ug/l	97
45) 1,2-Dichloropropane	7.51	63	118976	51.023	ug/l	98
46) Dibromomethane	7.66	93	79694	54.528	ug/l	95
47) Bromodichloromethane	7.90	83	151544	54.521	ug/l	98
48) Methyl methacrylate	7.77	41	129400	49.613	ug/l	94
49) 1,4-Dioxane	7.74	88	58657	1042.740	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	789134	239.765	ug/l	96
52) Toluene	8.78	92	300260	53.442	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	168967	55.453	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	186002	54.926	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	122299	53.460	ug/l	97
56) Ethyl methacrylate	9.18	69	176064	52.101	ug/l	93
57) 1,3-Dichloropropane	9.37	76	195002	51.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	418749	210.636	ug/l	94
59) 2-Hexanone	9.49	43	611907	237.726	ug/l	96
60) Dibromochloromethane	9.58	129	132460	56.179	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129929	54.202	ug/l	99
64) Tetrachloroethene	9.34	164	146865	57.792	ug/l	98
65) Chlorobenzene	10.13	112	338198	54.337	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	125213	56.686	ug/l	100
67) Ethyl Benzene	10.25	91	562593	54.610	ug/l	99
68) m/p-Xylenes	10.36	106	443643	112.541	ug/l	99
69) o-Xylene	10.69	106	211674	55.082	ug/l	98
70) Styrene	10.71	104	352318	55.964	ug/l	99
71) Bromoform	10.85	173	106716	58.379	ug/l	# 99
73) Isopropylbenzene	11.02	105	581446	54.370	ug/l	99
74) N-amyl acetate	10.90	43	206514	45.778	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	169312	48.319	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	169288m	58.379	ug/l	
77) Bromobenzene	11.26	156	156736	53.695	ug/l	94
78) n-propylbenzene	11.36	91	638275	54.401	ug/l	98
79) 2-Chlorotoluene	11.42	91	376715	52.574	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	482551	54.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54188	53.176	ug/l	95
82) 4-Chlorotoluene	11.51	91	440813	53.715	ug/l	99
83) tert-Butylbenzene	11.77	119	477296	54.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	499385	54.938	ug/l	99
85) sec-Butylbenzene	11.94	105	581833	55.298	ug/l	99
86) p-Isopropyltoluene	12.06	119	543189	57.083	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284254	54.716	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285238	54.071	ug/l	99
89) n-Butylbenzene	12.38	91	447689	56.226	ug/l	99
90) Hexachloroethane	12.60	117	84934	55.771	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	279650	54.256	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36952	52.160	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209120	57.276	ug/l	100
94) Hexachlorobutadiene	13.78	225	115318	58.134	ug/l	100
95) Naphthalene	13.83	128	583717	56.858	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206102	57.342	ug/l	99

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

