

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009203.D
 Acq On : 29 Apr 2019 12:57
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:30 AM

Quant Time: Apr 30 06:51:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	134680	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	
35) Dibromofluoromethane	5.49	113	100314	49.18	ug/l	0.00
Spiked Amount						
			Recovery	=	98.36%	
50) Toluene-d8	8.71	98	411505	50.47	ug/l	0.00
Spiked Amount						
			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	148924	51.54	ug/l	0.00
Spiked Amount						
			Recovery	=	103.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88834	40.828	ug/l	100
3) Chloromethane	1.32	50	119023	43.432	ug/l	100
4) Vinyl Chloride	1.41	62	118232	44.442	ug/l	100
5) Bromomethane	1.64	94	67793	39.098	ug/l	100
6) Chloroethane	1.71	64	74387	47.116	ug/l	100
7) Trichlorofluoromethane	1.92	101	142757	45.681	ug/l	100
8) Diethyl Ether	2.18	74	66143	45.998	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89914	44.910	ug/l	100
10) Methyl Iodide	2.51	142	99860	50.397	ug/l	100
11) Tert butyl alcohol	3.05	59	151117	244.694	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91616	44.001	ug/l	100
13) Acrolein	2.29	56	135110	253.974	ug/l	100
14) Allyl chloride	2.73	41	216523	47.447	ug/l	100
15) Acrylonitrile	3.14	53	361326	233.006	ug/l	100
16) Acetone	2.45	43	342952	239.830	ug/l	100
17) Carbon Disulfide	2.57	76	259007	40.377	ug/l	100
18) Methyl Acetate	2.78	43	160244	44.819	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349003	46.736	ug/l	100
20) Methylene Chloride	2.85	84	110152	44.928	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	98051	44.109	ug/l	100
22) Diisopropyl ether	3.85	45	420457	47.217	ug/l	100
23) Vinyl Acetate	3.81	43	1862022	239.189	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204694	45.892	ug/l	100
25) 2-Butanone	4.67	43	548583	240.365	ug/l	100
26) 2,2-Dichloropropane	4.58	77	155791	46.572	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	114820	45.317	ug/l	100
28) Bromochloromethane	5.01	49	96397	45.979	ug/l	100
29) Tetrahydrofuran	5.13	42	354219	232.115	ug/l	100
30) Chloroform	5.21	83	185878	46.541	ug/l	100
31) Cyclohexane	5.58	56	197040	45.166	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	155431	47.016	ug/l	100
36) 1,1-Dichloropropene	5.80	75	143242	44.142	ug/l	100
37) Ethyl Acetate	4.83	43	200424	47.981	ug/l	100
38) Carbon Tetrachloride	5.78	117	130900	47.362	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178985	45.357	ug/l	100
40) Benzene	6.14	78	444807	46.313	ug/l	100
41) Methacrylonitrile	5.04	41	116200	48.216	ug/l	100
42) 1,2-Dichloroethane	6.19	62	156133	45.881	ug/l	100
43) Isopropyl Acetate	6.45	43	322309	47.709	ug/l	100
44) Trichloroethene	7.21	130	105826	45.030	ug/l	100
45) 1,2-Dichloropropane	7.51	63	126342	47.340	ug/l	100
46) Dibromomethane	7.66	93	71745	46.244	ug/l	100
47) Bromodichloromethane	7.90	83	146330	47.981	ug/l	100
48) Methyl methacrylate	7.77	41	160707	48.153	ug/l	100
49) 1,4-Dioxane	7.74	88	62908	985.681	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1053270	243.811	ug/l	100
52) Toluene	8.79	92	270028	46.806	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	170258	48.769	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	189294	48.252	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110079	48.013	ug/l	100
56) Ethyl methacrylate	9.18	69	201410	49.055	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192025	47.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	551198	248.546	ug/l	100
59) 2-Hexanone	9.49	43	837672	250.204	ug/l	100
60) Dibromochloromethane	9.58	129	110669	50.371	ug/l	100
61) 1,2-Dibromoethane	9.67	107	112327	47.670	ug/l	100
64) Tetrachloroethene	9.34	164	94723	44.243	ug/l	100
65) Chlorobenzene	10.13	112	279646	46.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	101458	47.966	ug/l	100
67) Ethyl Benzene	10.25	91	518065	47.221	ug/l	100
68) m/p-Xylenes	10.36	106	382882	95.751	ug/l	100
69) o-Xylene	10.70	106	185224	47.606	ug/l	100
70) Styrene	10.71	104	330464	48.905	ug/l	100
71) Bromoform	10.85	173	84213	49.868	ug/l #	100
73) Isopropylbenzene	11.02	105	498688	47.002	ug/l	100
74) N-amyl acetate	10.90	43	299349	48.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184730	47.374	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	158260m	46.194	ug/l	
77) Bromobenzene	11.26	156	121936	45.534	ug/l	100
78) n-propylbenzene	11.36	91	575894	47.387	ug/l	100
79) 2-Chlorotoluene	11.42	91	339787	46.277	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	419429	47.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64594	48.871	ug/l	100
82) 4-Chlorotoluene	11.51	91	393988	46.239	ug/l	100
83) tert-Butylbenzene	11.77	119	405066	47.205	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	424315	46.752	ug/l	100
85) sec-Butylbenzene	11.94	105	487003	47.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	444248	47.350	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219918	46.734	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	220181	46.132	ug/l	100
89) n-Butylbenzene	12.38	91	406308	46.772	ug/l	100
90) Hexachloroethane	12.60	117	76109	49.123	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	223019	47.753	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43245	48.477	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158242	47.190	ug/l	100
94) Hexachlorobutadiene	13.78	225	79128	47.288	ug/l	100
95) Naphthalene	13.83	128	519820	48.213	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158669	47.739	ug/l	100

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

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