

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012819\
 Data File : VX007274.D
 Acq On : 28 Jan 2019 21:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:51:34 AM

Quant Time: Jan 29 02:31:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	463973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	691356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	629168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	326193	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	241664	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	5.51	113	221131	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	813474	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	290757	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	158189	41.518	ug/l	100
3) Chloromethane	1.33	50	238492	53.769	ug/l	100
4) Vinyl Chloride	1.41	62	206638	43.309	ug/l	98
5) Bromomethane	1.64	94	176947	34.712	ug/l	97
6) Chloroethane	1.71	64	142376	42.736	ug/l	99
7) Trichlorofluoromethane	1.93	101	350129	45.417	ug/l	99
8) Diethyl Ether	2.19	74	140293	45.742	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	210313	45.567	ug/l	99
10) Methyl Iodide	2.51	142	247738	39.792	ug/l	99
11) Tert butyl alcohol	3.08	59	266172	232.703	ug/l	99
12) 1,1-Dichloroethene	2.37	96	189460	44.430	ug/l	96
13) Acrolein	2.30	56	134422	272.210	ug/l	99
14) Allyl chloride	2.73	41	341235	46.692	ug/l	99
15) Acrylonitrile	3.15	53	653036	248.699	ug/l	99
16) Acetone	2.45	43	561203	234.113	ug/l	98
17) Carbon Disulfide	2.57	76	398363	36.285	ug/l	99
18) Methyl Acetate	2.78	43	394008	56.757	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	723669	48.894	ug/l	99
20) Methylene Chloride	2.86	84	363633	80.095	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	201958	42.499	ug/l	96
22) Diisopropyl ether	3.87	45	670971	48.836	ug/l	95
23) Vinyl Acetate	3.82	43	2748952	237.253	ug/l	99
24) 1,1-Dichloroethane	3.70	63	364078	47.391	ug/l	99
25) 2-Butanone	4.70	43	828656	241.593	ug/l	100
26) 2,2-Dichloropropane	4.59	77	247243	41.852	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	236117	45.046	ug/l	98
28) Bromochloromethane	5.01	49	165163	49.069	ug/l	94
29) Tetrahydrofuran	5.15	42	540151	242.323	ug/l	97
30) Chloroform	5.21	83	391306	48.649	ug/l	99
31) Cyclohexane	5.57	56	293010	42.852	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	332452	48.762	ug/l	98
36) 1,1-Dichloropropene	5.80	75	263734	43.877	ug/l	99
37) Ethyl Acetate	4.86	43	315221	48.916	ug/l	97
38) Carbon Tetrachloride	5.78	117	282879	46.776	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	324078	42.292	ug/l	95
40) Benzene	6.14	78	849986	46.344	ug/l	98
41) Methacrylonitrile	5.06	41	174419	46.984	ug/l	98
42) 1,2-Dichloroethane	6.20	62	298324	47.070	ug/l	99
43) Isopropyl Acetate	6.46	43	504572	49.640	ug/l	98
44) Trichloroethene	7.21	130	245503	44.670	ug/l	98
45) 1,2-Dichloropropane	7.51	63	222685	48.295	ug/l	98
46) Dibromomethane	7.66	93	157581	48.628	ug/l	98
47) Bromodichloromethane	7.90	83	284668	51.608	ug/l	95
48) Methyl methacrylate	7.77	41	260413	49.888	ug/l	98
49) 1,4-Dioxane	7.75	88	109700	919.552	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1665464	254.953	ug/l	98
52) Toluene	8.79	92	551765	46.807	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	308846	50.495	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	338174	50.066	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248035	52.568	ug/l	98
56) Ethyl methacrylate	9.18	69	351279	50.997	ug/l	96
57) 1,3-Dichloropropane	9.37	76	384616	49.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	934006	263.723	ug/l	99
59) 2-Hexanone	9.49	43	1252063	251.515	ug/l	99
60) Dibromochloromethane	9.58	129	250792	54.738	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257587	49.589	ug/l	100
64) Tetrachloroethene	9.34	164	234804	43.106	ug/l	97
65) Chlorobenzene	10.14	112	646930	47.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	242087	52.442	ug/l	98
67) Ethyl Benzene	10.25	91	1054943	46.567	ug/l	98
68) m/p-Xylenes	10.36	106	835961	93.661	ug/l	99
69) o-Xylene	10.69	106	409866	47.087	ug/l	97
70) Styrene	10.71	104	670644	48.646	ug/l	99
71) Bromoform	10.86	173	188012	45.947	ug/l #	98
73) Isopropylbenzene	11.02	105	1096267	47.661	ug/l	99
74) N-amyl acetate	10.90	43	454754	49.105	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	356734	48.854	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	330408m	49.985	ug/l	
77) Bromobenzene	11.26	156	296221	46.740	ug/l	100
78) n-propylbenzene	11.36	91	1224357	48.489	ug/l	99
79) 2-Chlorotoluene	11.42	91	723087	47.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	891655	46.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95389	44.038	ug/l	99
82) 4-Chlorotoluene	11.51	91	832508	47.305	ug/l	99
83) tert-Butylbenzene	11.77	119	928198	48.405	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	925181	47.871	ug/l	99
85) sec-Butylbenzene	11.94	105	1092656	47.713	ug/l	100
86) p-Isopropyltoluene	12.07	119	979725	47.829	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	527964	46.089	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	525795	48.449	ug/l	99
89) n-Butylbenzene	12.39	91	837333	47.952	ug/l	99
90) Hexachloroethane	12.60	117	156578	48.004	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	529515	46.840	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76895	53.245	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	370661	47.791	ug/l	100
94) Hexachlorobutadiene	13.78	225	171418	49.805	ug/l	99
95) Naphthalene	13.83	128	1144792	48.711	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	373310	48.453	ug/l	98

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

