

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000250.D
 Acq On : 10 Oct 2019 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:00 PM

Quant Time: Oct 11 05:59:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	267858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	449454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	202569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	176523	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.73	113	144945	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.18	98	575723	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	208731	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	137712	51.499	ug/l	98
3) Chloromethane	2.12	50	173608	47.673	ug/l	97
4) Vinyl Chloride	2.25	62	187400	49.843	ug/l	98
5) Bromomethane	2.63	94	123630	52.115	ug/l	97
6) Chloroethane	2.79	64	115255	48.532	ug/l	92
7) Trichlorofluoromethane	3.12	101	244582	50.338	ug/l	99
8) Diethyl Ether	3.53	74	104122	46.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	142519	50.240	ug/l	99
10) Methyl Iodide	4.10	142	226314	49.128	ug/l	99
11) Tert butyl alcohol	4.97	59	470430	251.352	ug/l	99
12) 1,1-Dichloroethene	3.87	96	144219	48.971	ug/l	98
13) Acrolein	3.73	56	212183	215.977	ug/l	99
14) Allyl chloride	4.48	41	243036	48.976	ug/l	100
15) Acrylonitrile	5.17	53	819916	248.170	ug/l	99
16) Acetone	3.95	43	638066	233.853	ug/l	95
17) Carbon Disulfide	4.19	76	421598	48.572	ug/l	98
18) Methyl Acetate	4.48	43	373606	49.964	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	524558	48.687	ug/l	97
20) Methylene Chloride	4.71	84	164450	45.879	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	162773	49.133	ug/l	96
22) Diisopropyl ether	6.12	45	574496	49.970	ug/l	99
23) Vinyl Acetate	6.07	43	2659667	234.067	ug/l	99
24) 1,1-Dichloroethane	6.02	63	285702	48.719	ug/l	99
25) 2-Butanone	7.00	43	1268465	251.298	ug/l	100
26) 2,2-Dichloropropane	6.99	77	257894	48.717	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	189878	48.658	ug/l	99
28) Bromochloromethane	7.34	49	103078	53.402	ug/l	98
29) Tetrahydrofuran	7.35	42	929168	260.646	ug/l	100
30) Chloroform	7.52	83	292170	48.007	ug/l	92
31) Cyclohexane	7.79	56	287952	48.614	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	260334	50.314	ug/l	99
36) 1,1-Dichloropropene	7.93	75	230166	50.330	ug/l	99
37) Ethyl Acetate	7.08	43	413175	49.977	ug/l	100
38) Carbon Tetrachloride	7.91	117	227929	51.138	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	293623	51.180	ug/l	100
40) Benzene	8.17	78	699408	50.417	ug/l	99
41) Methacrylonitrile	7.35	41	375204m	57.660	ug/l	
42) 1,2-Dichloroethane	8.25	62	229262	50.879	ug/l	99
43) Isopropyl Acetate	8.28	43	539494	50.698	ug/l	100
44) Trichloroethene	8.94	130	186705	49.630	ug/l	99
45) 1,2-Dichloropropane	9.22	63	175511	50.510	ug/l	93
46) Dibromomethane	9.31	93	117603	48.277	ug/l	99
47) Bromodichloromethane	9.50	83	236037	49.536	ug/l	94
48) Methyl methacrylate	9.30	41	242948	50.581	ug/l	99
49) 1,4-Dioxane	9.30	88	125655	1019.104	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	2113000	264.210	ug/l	100
52) Toluene	10.25	92	443515	49.846	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	282127	52.188	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	297231	50.813	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	174853	49.838	ug/l	98
56) Ethyl methacrylate	10.52	69	316878	51.301	ug/l	99
57) 1,3-Dichloropropane	10.80	76	304160	50.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	460075	167.105	ug/l	99
59) 2-Hexanone	10.84	43	1795498	253.384	ug/l	99
60) Dibromochloromethane	10.99	129	190279	51.295	ug/l	99
61) 1,2-Dibromoethane	11.09	107	186449	50.031	ug/l	99
64) Tetrachloroethene	10.72	164	183512	49.109	ug/l	96
65) Chlorobenzene	11.52	112	459924	48.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	168584	49.776	ug/l	99
67) Ethyl Benzene	11.60	91	864836	51.067	ug/l	100
68) m/p-Xylenes	11.71	106	652748	101.013	ug/l	99
69) o-Xylene	12.03	106	310707	49.910	ug/l	100
70) Styrene	12.05	104	548055	51.109	ug/l	99
71) Bromoform	12.21	173	144336	51.645	ug/l #	99
73) Isopropylbenzene	12.33	105	830128	48.361	ug/l	99
74) N-amyl acetate	12.14	43	437068	48.225	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	287730	49.116	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	267630m	50.041	ug/l	
77) Bromobenzene	12.61	156	189407	47.055	ug/l	98
78) n-propylbenzene	12.67	91	1014522	50.600	ug/l	99
79) 2-Chlorotoluene	12.76	91	559231	48.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	715440	49.951	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	128939	46.844	ug/l #	89
82) 4-Chlorotoluene	12.86	91	597633	51.114	ug/l	98
83) tert-Butylbenzene	13.08	119	599933	48.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	710465	49.648	ug/l	99
85) sec-Butylbenzene	13.25	105	854182	49.780	ug/l	100
86) p-Isopropyltoluene	13.37	119	765909	50.759	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	365054	50.039	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	367969	48.423	ug/l	99
89) n-Butylbenzene	13.70	91	733157	51.555	ug/l	100
90) Hexachloroethane	13.96	117	144301	50.556	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	358324	48.527	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	92859	46.959	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	238029	47.477	ug/l	99
94) Hexachlorobutadiene	15.11	225	112325	46.884	ug/l	100
95) Naphthalene	15.23	128	915343	48.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	233753	48.471	ug/l	99

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

