

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000236.D
 Acq On : 09 Oct 2019 11:36
 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
 10/11/2019 8:40:36 AM

Quant Time: Oct 10 01:54:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	153781	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	7.72	113	128840	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	10.19	98	502561	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.49	95	180278	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	129185	47.668	ug/l	93
3) Chloromethane	2.12	50	154819	41.949	ug/l	94
4) Vinyl Chloride	2.25	62	167320	43.911	ug/l	100
5) Bromomethane	2.63	94	111057	46.193	ug/l	97
6) Chloroethane	2.79	64	107337	44.597	ug/l	98
7) Trichlorofluoromethane	3.12	101	229450	46.596	ug/l	98
8) Diethyl Ether	3.53	74	94969	42.182	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	135078	46.984	ug/l	99
10) Methyl Iodide	4.09	142	213099	45.685	ug/l	100
11) Tert butyl alcohol	4.97	59	419120	220.960	ug/l	100
12) 1,1-Dichloroethene	3.86	96	137874	46.194	ug/l	96
13) Acrolein	3.73	56	210441	211.356	ug/l	100
14) Allyl chloride	4.48	41	221064	43.956	ug/l	98
15) Acrylonitrile	5.17	53	751253	224.365	ug/l	99
16) Acetone	3.95	43	575214	208.014	ug/l	98
17) Carbon Disulfide	4.19	76	396384	45.060	ug/l	98
18) Methyl Acetate	4.48	43	341378	45.048	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484520	44.373	ug/l	97
20) Methylene Chloride	4.72	84	153009	42.119	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	151845	45.225	ug/l	95
22) Diisopropyl ether	6.13	45	513792	44.096	ug/l	98
23) Vinyl Acetate	6.07	43	2395837	208.302	ug/l	99
24) 1,1-Dichloroethane	6.03	63	260015	43.749	ug/l	98
25) 2-Butanone	7.00	43	1152044	225.200	ug/l	98
26) 2,2-Dichloropropane	6.99	77	240761	44.876	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	174913	44.227	ug/l	99
28) Bromochloromethane	7.35	49	90558	46.292	ug/l	97
29) Tetrahydrofuran	7.36	42	831085	230.033	ug/l	100
30) Chloroform	7.52	83	271518	44.020	ug/l	92
31) Cyclohexane	7.78	56	261607	43.579	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	239746	45.719	ug/l	98
36) 1,1-Dichloropropene	7.92	75	210430	46.450	ug/l	100
37) Ethyl Acetate	7.08	43	374252	45.697	ug/l	100
38) Carbon Tetrachloride	7.91	117	218173	49.412	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	273969	48.206	ug/l	97
40) Benzene	8.17	78	640121	46.580	ug/l	99
41) Methacrylonitrile	7.35	41	321969m	49.947	ug/l	
42) 1,2-Dichloroethane	8.25	62	213922	47.925	ug/l	100
43) Isopropyl Acetate	8.28	43	488713	46.361	ug/l	100
44) Trichloroethene	8.94	130	175419	47.071	ug/l	100
45) 1,2-Dichloropropane	9.22	63	162348	47.164	ug/l	97
46) Dibromomethane	9.31	93	109610	45.422	ug/l	98
47) Bromodichloromethane	9.50	83	220304	46.672	ug/l	91
48) Methyl methacrylate	9.30	41	221516	46.555	ug/l	98
49) 1,4-Dioxane	9.30	88	115547	945.998	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	1934094	244.129	ug/l	99
52) Toluene	10.25	92	416066	47.204	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	262064	48.936	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	275095	47.474	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	163409	47.017	ug/l	99
56) Ethyl methacrylate	10.52	69	290371	47.455	ug/l	98
57) 1,3-Dichloropropane	10.80	76	274118	46.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	829220	304.035	ug/l	100
59) 2-Hexanone	10.84	43	1652438	234.902	ug/l	99
60) Dibromochloromethane	10.99	129	175385	47.728	ug/l	99
61) 1,2-Dibromoethane	11.10	107	170688	46.235	ug/l	97
64) Tetrachloroethene	10.72	164	171484	45.468	ug/l	97
65) Chlorobenzene	11.52	112	428574	44.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	157649	46.118	ug/l	99
67) Ethyl Benzene	11.60	91	801495	46.890	ug/l	98
68) m/p-Xylenes	11.70	106	613508	94.066	ug/l	100
69) o-Xylene	12.03	106	294171	46.818	ug/l	96
70) Styrene	12.05	104	498782	46.085	ug/l	99
71) Bromoform	12.21	173	133652	47.382	ug/l #	98
73) Isopropylbenzene	12.33	105	781270	46.598	ug/l	100
74) N-amyl acetate	12.14	43	401430	45.355	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	260100	45.457	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	245669m	47.029	ug/l	
77) Bromobenzene	12.61	156	183501	46.673	ug/l	95
78) n-propylbenzene	12.67	91	942202	48.112	ug/l	99
79) 2-Chlorotoluene	12.76	91	520036	46.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	662093	47.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	118944	44.287	ug/l #	89
82) 4-Chlorotoluene	12.86	91	545343	47.752	ug/l	100
83) tert-Butylbenzene	13.08	119	564619	46.435	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	664223	47.521	ug/l	99
85) sec-Butylbenzene	13.25	105	809734	48.313	ug/l	100
86) p-Isopropyltoluene	13.37	119	712858	48.368	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	341198	47.883	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	344464	46.409	ug/l	99
89) n-Butylbenzene	13.70	91	676076	48.673	ug/l	99
90) Hexachloroethane	13.96	117	133558	47.906	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	330515	45.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	87727	45.417	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	222635	45.464	ug/l	99
94) Hexachlorobutadiene	15.11	225	107856	46.090	ug/l	99
95) Naphthalene	15.23	128	856394	46.488	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	221782	47.084	ug/l	99

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

