

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000224.D
 Acq On : 08 Oct 2019 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100819

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:25 AM

Quant Time: Oct 09 08:58:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	294062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	455382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	199857	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.73	113	161719	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.18	98	643950	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.48	95	227786	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	139678	47.580	ug/l	98
3) Chloromethane	2.12	50	185335	46.359	ug/l	99
4) Vinyl Chloride	2.25	62	195821	47.441	ug/l	98
5) Bromomethane	2.63	94	133309	51.188	ug/l	99
6) Chloroethane	2.78	64	126752	48.618	ug/l	97
7) Trichlorofluoromethane	3.12	101	248816	46.646	ug/l	97
8) Diethyl Ether	3.53	74	112961	46.318	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	147252	47.283	ug/l	98
10) Methyl Iodide	4.09	142	225945	44.729	ug/l	99
11) Tert butyl alcohol	4.97	59	486593	236.820	ug/l	100
12) 1,1-Dichloroethene	3.87	96	153059	47.341	ug/l	97
13) Acrolein	3.73	56	245824	227.922	ug/l	98
14) Allyl chloride	4.48	41	253074	46.454	ug/l	99
15) Acrylonitrile	5.17	53	874982	241.238	ug/l	99
16) Acetone	3.95	43	756474	252.543	ug/l	97
17) Carbon Disulfide	4.19	76	454296	47.675	ug/l	98
18) Methyl Acetate	4.48	43	394557	48.064	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	567016	47.938	ug/l	99
20) Methylene Chloride	4.71	84	173255	44.028	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	171040	47.028	ug/l	96
22) Diisopropyl ether	6.13	45	614534	48.689	ug/l	96
23) Vinyl Acetate	6.07	43	2832361	227.122	ug/l	100
24) 1,1-Dichloroethane	6.02	63	303454	47.135	ug/l	97
25) 2-Butanone	7.00	43	1413865	255.143	ug/l	98
26) 2,2-Dichloropropane	6.99	77	258501	44.480	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	196767	45.930	ug/l	99
28) Bromochloromethane	7.35	49	114427	53.999	ug/l	99
29) Tetrahydrofuran	7.35	42	968507	247.471	ug/l	99
30) Chloroform	7.52	83	314470	47.066	ug/l	95
31) Cyclohexane	7.79	56	291876	44.885	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	269068	47.368	ug/l	99
36) 1,1-Dichloropropene	7.92	75	230429	45.343	ug/l	99
37) Ethyl Acetate	7.08	43	439954	47.888	ug/l	99
38) Carbon Tetrachloride	7.90	117	232352	46.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	298775	46.864	ug/l	98
40) Benzene	8.17	78	726227	47.109	ug/l	99
41) Methacrylonitrile	7.35	41	393446m	54.410	ug/l	
42) 1,2-Dichloroethane	8.24	62	243672	48.663	ug/l	100
43) Isopropyl Acetate	8.28	43	571936	48.365	ug/l	99
44) Trichloroethene	8.94	130	189161	45.249	ug/l	95
45) 1,2-Dichloropropane	9.22	63	185352	48.002	ug/l	95
46) Dibromomethane	9.31	93	127774	47.201	ug/l	98
47) Bromodichloromethane	9.50	83	254053	47.979	ug/l	93
48) Methyl methacrylate	9.30	41	256409	48.039	ug/l	99
49) 1,4-Dioxane	9.30	88	133135	971.666	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	2250828	253.267	ug/l	100
52) Toluene	10.25	92	463441	46.871	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	296712	49.391	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	312776	48.117	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	187434	48.075	ug/l	98
56) Ethyl methacrylate	10.52	69	342256	49.862	ug/l	99
57) 1,3-Dichloropropane	10.79	76	320474	48.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	839025	274.234	ug/l	99
59) 2-Hexanone	10.83	43	1943115	246.578	ug/l	100
60) Dibromochloromethane	10.99	129	201791	48.952	ug/l	100
61) 1,2-Dibromoethane	11.09	107	202015	48.781	ug/l	99
64) Tetrachloroethene	10.72	164	183075	43.983	ug/l	98
65) Chlorobenzene	11.52	112	483156	45.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	180044	47.724	ug/l	99
67) Ethyl Benzene	11.60	91	887471	47.045	ug/l	99
68) m/p-Xylenes	11.70	106	680573	94.550	ug/l	100
69) o-Xylene	12.03	106	325229	46.900	ug/l	99
70) Styrene	12.05	104	571835	47.874	ug/l	99
71) Bromoform	12.21	173	152014	48.831	ug/l	99
73) Isopropylbenzene	12.33	105	874338	46.162	ug/l	99
74) N-amyl acetate	12.14	43	463207	46.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	302785	46.841	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	275985m	46.766	ug/l	
77) Bromobenzene	12.61	156	198453	44.680	ug/l	99
78) n-propylbenzene	12.67	91	1032181	46.655	ug/l	100
79) 2-Chlorotoluene	12.75	91	581515	45.653	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	737818	46.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	134849	44.441	ug/l #	91
82) 4-Chlorotoluene	12.86	91	606550	47.014	ug/l	98
83) tert-Butylbenzene	13.08	119	618827	45.049	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	736781	46.660	ug/l	100
85) sec-Butylbenzene	13.25	105	871636	46.035	ug/l	100
86) p-Isopropyltoluene	13.37	119	784212	47.099	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	377155	46.852	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	376624	44.916	ug/l	99
89) n-Butylbenzene	13.70	91	740726	47.205	ug/l	100
90) Hexachloroethane	13.96	117	147207	46.739	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	365847	44.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	100317	45.973	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	244250	44.151	ug/l	99
94) Hexachlorobutadiene	15.11	225	116231	43.966	ug/l	99
95) Naphthalene	15.23	128	962756	46.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246510	46.325	ug/l	99

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

