

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000185.D
 Acq On : 03 Oct 2019 16:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:50:56 PM

Quant Time: Oct 04 05:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	275946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	218143	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	7.72	113	194782	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	10.18	98	745358	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.48	95	267310	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	183936	69.698	ug/l	100
3) Chloromethane	2.12	50	198046	72.414	ug/l	100
4) Vinyl Chloride	2.25	62	221875	74.820	ug/l	100
5) Bromomethane	2.63	94	152042	78.500	ug/l	100
6) Chloroethane	2.78	64	141744	68.602	ug/l	100
7) Trichlorofluoromethane	3.12	101	316071	66.787	ug/l	100
8) Diethyl Ether	3.53	74	125071	59.716	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	188563	63.025	ug/l	100
10) Methyl Iodide	4.09	142	343978	84.615	ug/l	100
11) Tert butyl alcohol	4.97	59	527980	265.894	ug/l	100
12) 1,1-Dichloroethene	3.87	96	192817	68.548	ug/l	100
13) Acrolein	3.73	56	186939	218.518	ug/l	100
14) Allyl chloride	4.48	41	249992	63.792	ug/l	100
15) Acrylonitrile	5.16	53	877324	275.068	ug/l	100
16) Acetone	3.94	43	689902	260.657	ug/l	100
17) Carbon Disulfide	4.19	76	536656	94.712	ug/l	100
18) Methyl Acetate	4.48	43	379310	51.305	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	618116	54.448	ug/l	100
20) Methylene Chloride	4.71	84	202874	58.552	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	206636	68.112	ug/l	100
22) Diisopropyl ether	6.12	45	580896	55.885	ug/l	100
23) Vinyl Acetate	6.07	43	2741715	306.759	ug/l	100
24) 1,1-Dichloroethane	6.02	63	326911	58.782	ug/l	100
25) 2-Butanone	6.99	43	1301770	276.640	ug/l	100
26) 2,2-Dichloropropane	6.99	77	313143	57.883	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	239442	60.018	ug/l	100
28) Bromochloromethane	7.34	49	112511	51.415	ug/l	100
29) Tetrahydrofuran	7.35	42	923473	294.135	ug/l	100
30) Chloroform	7.51	83	354984	55.720	ug/l	100
31) Cyclohexane	7.78	56	315192	77.310	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	327849	60.314	ug/l	100
36) 1,1-Dichloropropene	7.92	75	266863	68.876	ug/l	100
37) Ethyl Acetate	7.08	43	422029	58.270	ug/l	100
38) Carbon Tetrachloride	7.90	117	306971	64.625	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	365074	79.841	ug/l	100
40) Benzene	8.16	78	832401	64.783	ug/l	100
41) Methacrylonitrile	7.32	41	163418m	47.593	ug/l	
42) 1,2-Dichloroethane	8.24	62	266166	59.578	ug/l	100
43) Isopropyl Acetate	8.28	43	563389	57.685	ug/l	100
44) Trichloroethene	8.94	130	257573	64.233	ug/l	100
45) 1,2-Dichloropropane	9.22	63	193200	58.627	ug/l	100
46) Dibromomethane	9.31	93	148206	60.424	ug/l	100
47) Bromodichloromethane	9.50	83	283641	56.608	ug/l	100
48) Methyl methacrylate	9.30	41	249361	57.306	ug/l	100
49) 1,4-Dioxane	9.30	88	158025	1164.928	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	2171855	282.043	ug/l	100
52) Toluene	10.25	92	546121	64.263	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	332923	60.509	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	350906	61.161	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	220604	56.453	ug/l	100
56) Ethyl methacrylate	10.51	69	357792	58.995	ug/l	100
57) 1,3-Dichloropropane	10.80	76	348898	57.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	714634	230.925	ug/l	100
59) 2-Hexanone	10.83	43	1850446	285.252	ug/l	100
60) Dibromochloromethane	10.99	129	257651	57.317	ug/l	100
61) 1,2-Dibromoethane	11.09	107	243891	61.556	ug/l	100
64) Tetrachloroethene	10.72	164	268377	64.672	ug/l	100
65) Chlorobenzene	11.52	112	605870	59.960	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	227394	54.573	ug/l	100
67) Ethyl Benzene	11.60	91	1043161	61.876	ug/l	100
68) m/p-Xylenes	11.70	106	835582	124.913	ug/l	100
69) o-Xylene	12.03	106	403290	60.156	ug/l	100
70) Styrene	12.05	104	679510	58.855	ug/l	100
71) Bromoform	12.21	173	209160	54.492	ug/l #	100
73) Isopropylbenzene	12.33	105	1057519	58.007	ug/l	100
74) N-amyl acetate	12.14	43	452740	56.438	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	331298	51.207	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	245764m	50.795	ug/l	
77) Bromobenzene	12.61	156	275200	54.853	ug/l	100
78) n-propylbenzene	12.67	91	1212654	59.486	ug/l	100
79) 2-Chlorotoluene	12.76	91	691357	57.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	888234	58.101	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	147877	54.721	ug/l	100
82) 4-Chlorotoluene	12.86	91	722121	56.465	ug/l	100
83) tert-Butylbenzene	13.08	119	778927	55.901	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	889810	58.645	ug/l	100
85) sec-Butylbenzene	13.25	105	1073053	57.538	ug/l	100
86) p-Isopropyltoluene	13.37	119	977434	57.139	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	492287	54.335	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	503559	53.386	ug/l	100
89) n-Butylbenzene	13.70	91	886976	59.034	ug/l	100
90) Hexachloroethane	13.96	117	185923	54.841	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	487388	52.945	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	114633	52.803	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	356152	52.858	ug/l	100
94) Hexachlorobutadiene	15.11	225	175598	56.085	ug/l	100
95) Naphthalene	15.23	128	1239100	52.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	348929	52.352	ug/l	100

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

