

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000187.D
 Acq On : 03 Oct 2019 16:46
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:51:08 PM

Quant Time: Oct 04 05:54:03 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	436461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	660325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	575764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	689612	151.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.32%	
35) Dibromofluoromethane	7.73	113	606938	148.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.32%	
50) Toluene-d8	10.19	98	2384019	152.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.36%	
62) 4-Bromofluorobenzene	12.48	95	805084	147.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	557637	191.893	ug/l	96
3) Chloromethane	2.11	50	633516	210.361	ug/l	99
4) Vinyl Chloride	2.25	62	721375	220.915	ug/l	97
5) Bromomethane	2.61	94	232422	108.978	ug/l	97
6) Chloroethane	2.75	64	454192	199.631	ug/l	94
7) Trichlorofluoromethane	3.10	101	1007962	193.423	ug/l	100
8) Diethyl Ether	3.53	74	408178	176.986	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	591969	179.685	ug/l	100
10) Methyl Iodide	4.08	142	1009964	225.621	ug/l	99
11) Tert butyl alcohol	5.00	59	1550577	709.151	ug/l	100
12) 1,1-Dichloroethene	3.86	96	616591	199.068	ug/l	96
13) Acrolein	3.73	56	711697	755.503	ug/l	99
14) Allyl chloride	4.48	41	861796m	199.710	ug/l	
15) Acrylonitrile	5.18	53	2913161	829.468	ug/l	99
16) Acetone	3.96	43	2380255	816.694	ug/l	98
17) Carbon Disulfide	4.19	76	1755401	281.347	ug/l	99
18) Methyl Acetate	4.48	43	1283646	157.676	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	2081061	166.476	ug/l	99
20) Methylene Chloride	4.71	84	651938	170.875	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	675766	202.287	ug/l	94
22) Diisopropyl ether	6.13	45	2075424	181.325	ug/l	98
23) Vinyl Acetate	6.07	43	9893123	1005.223	ug/l	97
24) 1,1-Dichloroethane	6.02	63	1077134	175.889	ug/l	100
25) 2-Butanone	7.00	43	4327570	835.179	ug/l	97
26) 2,2-Dichloropropane	6.99	77	1011089	169.727	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	769279	175.114	ug/l	97
28) Bromochloromethane	7.35	49	400513	166.212	ug/l	93
29) Tetrahydrofuran	7.36	42	3134016	906.520	ug/l	96
30) Chloroform	7.52	83	1162035	165.644	ug/l	98
31) Cyclohexane	7.78	56	1041402	231.970	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	1055369	176.320	ug/l	99
36) 1,1-Dichloropropene	7.92	75	885784	204.825	ug/l	98
37) Ethyl Acetate	7.09	43	1417566	175.355	ug/l	99
38) Carbon Tetrachloride	7.91	117	959900	181.052	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1166382	228.539	ug/l	98
40) Benzene	8.17	78	2698372	188.151	ug/l	95
41) Methacrylonitrile	7.33	41	561227m	146.438	ug/l	
42) 1,2-Dichloroethane	8.25	62	862502	172.968	ug/l	99
43) Isopropyl Acetate	8.28	43	1856375	170.291	ug/l	99
44) Trichloroethene	8.94	130	799577	178.646	ug/l	95
45) 1,2-Dichloropropane	9.22	63	646942	175.886	ug/l	100
46) Dibromomethane	9.31	93	474266	173.237	ug/l	96
47) Bromodichloromethane	9.50	83	928418	166.005	ug/l	98
48) Methyl methacrylate	9.30	41	835246	171.973	ug/l	97
49) 1,4-Dioxane	9.31	88	473264	3125.714	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	6841399	795.981	ug/l	99
52) Toluene	10.25	92	1791507	188.870	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	1076177	175.241	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	1145765	178.917	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	666617	152.836	ug/l	97
56) Ethyl methacrylate	10.52	69	1142688	168.804	ug/l	98
57) 1,3-Dichloropropane	10.80	76	1098946	161.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	2739737	793.174	ug/l	97
59) 2-Hexanone	10.84	43	5925649	818.392	ug/l	100
60) Dibromochloromethane	10.99	129	779425	155.345	ug/l	99
61) 1,2-Dibromoethane	11.09	107	742210	167.832	ug/l	100
64) Tetrachloroethene	10.72	164	770389	171.788	ug/l	97
65) Chlorobenzene	11.52	112	1860514	170.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	683801	151.858	ug/l	100
67) Ethyl Benzene	11.59	91	3334458	183.025	ug/l	99
68) m/p-Xylenes	11.70	106	2627170	363.426	ug/l	98
69) o-Xylene	12.03	106	1250643	172.625	ug/l	95
70) Styrene	12.05	104	2185972	175.203	ug/l	98
71) Bromoform	12.21	173	632594	152.506	ug/l #	99
73) Isopropylbenzene	12.33	105	3297252	170.563	ug/l	99
74) N-amyl acetate	12.14	43	1513244	177.899	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	1008517	147.005	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	738764m	143.995	ug/l	
77) Bromobenzene	12.61	156	793832	149.220	ug/l	95
78) n-propylbenzene	12.67	91	3722347	172.200	ug/l	98
79) 2-Chlorotoluene	12.76	91	2071154	162.616	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	2671384	164.792	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	467974	163.311	ug/l #	89
82) 4-Chlorotoluene	12.86	91	2165715	159.702	ug/l	99
83) tert-Butylbenzene	13.08	119	2323761	157.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2699862	167.810	ug/l	98
85) sec-Butylbenzene	13.25	105	3222859	162.974	ug/l	99
86) p-Isopropyltoluene	13.37	119	2965216	163.471	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	1448809	150.805	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	1477708	147.742	ug/l	99
89) n-Butylbenzene	13.70	91	2747440	172.448	ug/l	99
90) Hexachloroethane	13.96	117	558472	155.352	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	1430812	146.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	346591	150.558	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	1058770	148.190	ug/l	98
94) Hexachlorobutadiene	15.11	225	515759	155.351	ug/l	100
95) Naphthalene	15.23	128	3826802	151.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	1056583	149.499	ug/l	99

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

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