

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000678.D
 Acq On : 14 Nov 2019 17:29
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV79

Quant Time: Nov 15 10:16:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 10:12:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	399906	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	373574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	187866	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	153977	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	2.76	69	129955	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.36%
11) 1,1-Dichloroethene-d2	3.85	63	276365	50.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.12%
21) 2-Butanone-d5	6.91	46	138874	112.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.07%
24) Chloroform-d	7.49	84	259424	57.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	8.15	65	162755	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.92%
32) Benzene-d6	8.12	84	523138	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	9.13	67	164502	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.08%
41) Toluene-d8	10.18	98	479168	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%
43) trans-1,3-Dichloropropene-	10.44	79	85192	52.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.64%
47) 2-Hexanone-d5	10.79	63	103594	109.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.02%
57) 1,1,2,2-Tetrachloroethane-	12.56	84	198696	52.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.52%
64) 1,2-Dichlorobenzene-d4	13.72	152	183653	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.90	85	129440	56.682 ug/L	99
3) Chloromethane	2.11	50	174291	57.388 ug/L	100
5) Vinyl chloride	2.25	62	175892	57.761 ug/L	99
6) Bromomethane	2.66	94	100105	57.182 ug/L	97
8) Chloroethane	2.80	64	107533	56.264 ug/L	94
9) Trichlorofluoromethane	3.13	101	241846	53.796 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	136069	54.238 ug/L	98
12) 1,1-Dichloroethene	3.87	96	133580	53.215 ug/L	87
13) Acetone	3.96	43	94742	106.197 ug/L	99
14) Carbon disulfide	4.19	76	383167	55.340 ug/L	99
15) Methyl Acetate	4.49	43	120655	53.812 ug/L	99
16) Methylene chloride	4.72	84	147816	55.074 ug/L	94
17) trans-1,2-Dichloroethene	5.22	96	142004	54.177 ug/L	92
18) Methyl tert-butyl Ether	5.23	73	432899	54.865 ug/L	99
19) 1,1-Dichloroethane	6.03	63	254560	54.030 ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	160979	54.794 ug/L	96
22) 2-Butanone	7.00	43	152970	108.969 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.35	128	75110	55.458	ug/L	96
25) Chloroform	7.52	83	269038	49.874	ug/L	99
27) 1,2-Dichloroethane	8.25	62	203895	55.351	ug/L	99
29) Cyclohexane	7.79	56	246136	56.448	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	230002	56.364	ug/L	98
31) Carbon tetrachloride	7.91	117	201930	55.269	ug/L	98
33) Benzene	8.17	78	609712	54.790	ug/L	100
34) Trichloroethene	8.94	95	153116	54.798	ug/L	98
35) Methylcyclohexane	9.19	83	262305	56.866	ug/L	98
37) 1,2-Dichloropropane	9.22	63	155589	56.364	ug/L	99
38) Bromodichloromethane	9.50	83	207547	55.968	ug/L	98
39) cis-1,3-Dichloropropene	9.93	75	267247	56.978	ug/L	99
40) 4-Methyl-2-pentanone	10.08	43	347804	109.832	ug/L	100
42) Toluene	10.25	91	657716	55.838	ug/L	97
44) trans-1,3-Dichloropropene	10.47	75	234458	57.090	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	144668	55.238	ug/L	99
46) Tetrachloroethene	10.72	164	119528	55.287	ug/L	99
48) 2-Hexanone	10.83	43	245602	107.421	ug/L	99
49) Dibromochloromethane	10.99	129	160820	56.691	ug/L	94
50) 1,2-Dibromoethane	11.09	107	144135	54.987	ug/L	95
51) Chlorobenzene	11.52	112	416904	54.937	ug/L	98
52) Ethylbenzene	11.59	91	757093	56.322	ug/L	99
53) m,p-Xylene	11.70	106	293991	56.861	ug/L	92
54) o-xylene	12.03	106	280686	55.375	ug/L	99
55) Styrene	12.04	104	488767	56.750	ug/L	100
56) Isopropylbenzene	12.33	105	740605	57.085	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	205901	55.579	ug/L	98
59) 1,2,3-Trichloropropane	12.63	75	163386	55.742	ug/L	98
61) Bromoform	12.20	173	106223	55.848	ug/L	97
62) 1,3-Dichlorobenzene	13.36	146	330102	56.027	ug/L	95
63) 1,4-Dichlorobenzene	13.44	146	335584	55.596	ug/L	99
65) 1,2-Dichlorobenzene	13.73	146	318764	54.926	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.36	75	36790	52.477	ug/L	86
67) 1,3,5-Trichlorobenzene	14.50	180	226341	55.045	ug/L	97
68) 1,2,4-trichlorobenzene	15.00	180	212110	54.987	ug/L	99
69) Naphthalene	15.23	128	630986	54.743	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	204065	54.965	ug/L	98

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

