

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000675.D
 Acq On : 14 Nov 2019 12:38
 Operator : SY/MD
 Sample : VSTD05082
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD05082

Quant Time: Nov 15 09:55:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 09:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	438283	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	404364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	204111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	166914	48.48	ug/L	0.00
7) Chloroethane-d5	2.76	69	139589	49.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	299299	56.43	ug/L	0.00
21) 2-Butanone-d5	6.90	46	125344	46.15	ug/L	0.00
24) Chloroform-d	7.49	84	249366	50.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	171979	49.13	ug/L	0.00
32) Benzene-d6	8.11	84	559083	49.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	171673	49.21	ug/L	0.00
41) Toluene-d8	10.18	98	519609	49.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	89650	51.35	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	102519	49.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.56	84	206389	50.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.72	152	187555	47.49	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	123353	49.287	ug/L	100
3) Chloromethane	2.11	50	168314	50.567	ug/L	100
5) Vinyl chloride	2.25	62	172064	51.556	ug/L	100
6) Bromomethane	2.65	94	99683	51.955	ug/L	100
8) Chloroethane	2.79	64	106071	50.640	ug/L	100
9) Trichlorofluoromethane	3.13	101	245068	49.739	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.89	101	137495	50.078	ug/L	100
12) 1,1-Dichloroethene	3.87	96	136252	49.527	ug/L	100
13) Acetone	3.95	43	98407	50.323	ug/L	100
14) Carbon disulfide	4.18	76	392922	51.779	ug/L	100
15) Methyl Acetate	4.48	43	123069	50.082	ug/L	100
16) Methylene chloride	4.71	84	154717	52.597	ug/L	100
17) trans-1,2-Dichloroethene	5.21	96	146443	50.977	ug/L	100
18) Methyl tert-butyl Ether	5.23	73	447619	51.764	ug/L	100
19) 1,1-Dichloroethane	6.02	63	264205	51.167	ug/L	100
20) cis-1,2-Dichloroethene	6.99	96	165292	51.335	ug/L	100
22) 2-Butanone	7.00	43	159880	51.959	ug/L	100
23) Bromochloromethane	7.34	128	78031	52.570	ug/L	100
25) Chloroform	7.51	83	293802	49.696	ug/L	100
27) 1,2-Dichloroethane	8.24	62	212146	52.549	ug/L	100
29) Cyclohexane	7.78	56	239030	50.644	ug/L	100
30) 1,1,1-Trichloroethane	7.71	97	231014	52.301	ug/L	100
31) Carbon tetrachloride	7.90	117	207022	52.348	ug/L	100
33) Benzene	8.16	78	623680	51.778	ug/L	100
34) Trichloroethene	8.94	95	153600	50.785	ug/L	100
35) Methylcyclohexane	9.18	83	255050	51.082	ug/L	100
37) 1,2-Dichloropropane	9.22	63	159391	53.345	ug/L	100
38) Bromodichloromethane	9.50	83	214403	53.415	ug/L	100
39) cis-1,3-Dichloropropene	9.92	75	268855	52.956	ug/L	100
40) 4-Methyl-2-pentanone	10.07	43	366636	53.482	ug/L	100

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42) Toluene	10.24	91	662814	51.986	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	238845	53.730	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	146979	51.847	ug/L	100
46) Tetrachloroethene	10.72	164	122761	52.458	ug/L	100
48) 2-Hexanone	10.83	43	266967	53.938	ug/L	100
49) Dibromochloromethane	10.99	129	165002	53.736	ug/L	100
50) 1,2-Dibromoethane	11.08	107	151197	53.289	ug/L	100
51) Chlorobenzene	11.51	112	428397	52.153	ug/L	100
52) Ethylbenzene	11.59	91	768286	52.802	ug/L	100
53) m,p-Xylene	11.70	106	292981	52.351	ug/L	100
54) o-xylene	12.03	106	286490	52.217	ug/L	100
55) Styrene	12.04	104	496695	53.279	ug/L	100
56) Isopropylbenzene	12.33	105	740793	52.752	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	214987	53.613	ug/L	100
59) 1,2,3-Trichloropropane	12.63	75	168408	53.080	ug/L	100
61) Bromoform	12.20	173	111652	54.031	ug/L	100
62) 1,3-Dichlorobenzene	13.36	146	334648	52.278	ug/L	100
63) 1,4-Dichlorobenzene	13.44	146	334346	50.983	ug/L	100
65) 1,2-Dichlorobenzene	13.74	146	324290	51.431	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.36	75	38884	51.049	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	223779	50.091	ug/L	100
68) 1,2,4-trichlorobenzene	15.00	180	214809	51.255	ug/L	100
69) Naphthalene	15.23	128	653450	52.180	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	212645	52.718	ug/L	100

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

