

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003745.D
 Acq On : 14 Dec 2020 12:47
 Operator : SY/MD
 Sample : VSTD02580
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02580

Quant Time: Dec 14 13:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 14 13:19:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	360958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	336130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	173100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	124157	24.84	ug/L	0.00
7) Chloroethane-d5	2.77	69	91749	24.24	ug/L	0.00
10) 1,1-Dichloroethene-d2	3.86	63	257791	26.67	ug/L	0.00
20) 2-Butanone-d5	6.90	46	112517	58.78	ug/L	0.00
24) Chloroform-d	7.49	84	236241	25.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	133148	25.53	ug/L	0.00
29) Benzene-d6	8.12	84	494410	25.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.12	67	155277	26.85	ug/L	0.00
37) Toluene-d8	10.18	98	454731	26.25	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.44	79	76031	27.56	ug/L	0.00
39) 2-Hexanone-d5	10.79	63	91185	60.46	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.56	84	140620	27.33	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.72	152	159653	25.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	145453	33.260	ug/L 100
3) Chloromethane	2.12	50	134526	29.225	ug/L 100
5) Vinyl chloride	2.26	62	138544	28.756	ug/L 100
6) Bromomethane	2.66	94	83950	27.547	ug/L 100
8) Chloroethane	2.80	64	81237	27.847	ug/L 100
9) Trichlorofluoromethane	3.14	101	210451	28.614	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	130109	27.754	ug/L 100
12) 1,1-Dichloroethene	3.88	96	122646	27.908	ug/L 100
13) Acetone	3.96	43	73279	53.311	ug/L 100
14) Carbon disulfide	4.21	76	434593	29.172	ug/L 100
15) Methyl Acetate	4.49	43	98589	28.402	ug/L 100
16) Methylene chloride	4.73	84	141816	22.058	ug/L 100
17) Methyl tert-butyl Ether	5.23	73	350061	27.997	ug/L 100
18) trans-1,2-Dichloroethene	5.23	96	133177	26.915	ug/L 100
19) 1,1-Dichloroethane	6.03	63	233850	27.884	ug/L 100
21) 2-Butanone	7.00	43	127422	52.664	ug/L 100
22) cis-1,2-Dichloroethene	7.00	96	141449	26.906	ug/L 100
23) Bromochloromethane	7.35	128	68962	26.305	ug/L 100
25) Chloroform	7.52	83	229130	27.194	ug/L 100
27) 1,2-Dichloroethane	8.25	62	157872	27.657	ug/L 100
30) Cyclohexane	7.79	56	231613	30.488	ug/L 100
31) 1,1,1-Trichloroethane	7.72	97	204605	27.774	ug/L 100
32) Carbon tetrachloride	7.91	117	179581	27.638	ug/L 100
34) Benzene	8.17	78	531998	27.125	ug/L 100
35) Trichloroethene	8.94	95	143425	26.692	ug/L 100
36) Methylcyclohexane	9.18	83	241759	28.964	ug/L 100
40) 1,2-Dichloropropane	9.22	63	137780	27.831	ug/L 100
41) Bromodichloromethane	9.50	83	171315	27.362	ug/L 100
42) cis-1,3-Dichloropropene	9.93	75	221062	28.356	ug/L 100
43) 4-Methyl-2-pentanone	10.07	43	274081	58.356	ug/L 100

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44) Toluene	10.25	91	570501	27.619	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	205615	28.603	ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	113699	26.897	ug/L	100
47) Tetrachloroethene	10.72	164	111786	26.804	ug/L	100
49) 2-Hexanone	10.83	43	197450	59.711	ug/L	100
50) Dibromochloromethane	10.98	129	133482	27.018	ug/L	100
51) 1,2-Dibromoethane	11.09	107	113606	27.646	ug/L	100
52) Chlorobenzene	11.51	112	361938	26.753	ug/L	100
53) Ethylbenzene	11.59	91	621944	27.511	ug/L	100
54) m,p-Xylene	11.70	106	241408	27.794	ug/L	100
55) o-xylene	12.03	106	229434	27.527	ug/L	100
56) Styrene	12.04	104	394057	27.688	ug/L	100
57) Isopropylbenzene	12.33	105	607076	27.825	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.58	83	135139	29.227	ug/L	100
59) 1,2,3-Trichloropropane	12.64	75	112927	27.748	ug/L	100
62) Bromoform	12.21	173	89692	26.991	ug/L	100
63) 1,3-Dichlorobenzene	13.37	146	280397	26.834	ug/L	100
64) 1,4-Dichlorobenzene	13.45	146	280864	26.540	ug/L	100
65) 1,2-Dichlorobenzene	13.74	146	260179	27.181	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.35	75	24544	27.396	ug/L	100
67) 1,3,5-Trichlorobenzene	14.50	180	199208	26.998	ug/L	100
68) 1,2,4-trichlorobenzene	15.01	180	166424	26.541	ug/L	100
69) Naphthalene	15.23	128	398493	29.652	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	150857	26.410	ug/L	100

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

