

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112320\
 Data File : VY003585.D
 Acq On : 23 Nov 2020 11:06
 Operator : SY/MD
 Sample : VSTD02534
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025404

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:57:25 PM

Quant Time: Nov 23 11:52:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112320SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 23 11:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	227280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	210660	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	108759	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	76587	23.31	ug/L	0.00
7) Chloroethane-d5	2.77	69	61248	23.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	161028	26.75	ug/L	0.00
21) 2-Butanone-d5	6.90	46	68891	59.22	ug/L	0.00
24) Chloroform-d	7.48	84	155747	30.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	84745	25.32	ug/L	0.00
32) Benzene-d6	8.11	84	323985	28.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	99333	27.50	ug/L	0.00
41) Toluene-d8	10.17	98	295953	27.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	48220	27.90	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	55081	63.20	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	89695	28.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	93676	23.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	28738m	7.840	ug/L
3) Chloromethane	2.11	50	50213	12.209	ug/L
5) Vinyl chloride	2.26	62	77535	16.589	ug/L
6) Bromomethane	2.66	94	54080	19.322	ug/L
8) Chloroethane	2.80	64	49009	18.862	ug/L
9) Trichlorofluoromethane	3.13	101	55648	11.057	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	75970	23.153	ug/L
12) 1,1-Dichloroethene	3.87	96	78398	24.971	ug/L
13) Acetone	3.97	43	42346	52.550	ug/L
14) Carbon disulfide	4.19	76	250669	22.780	ug/L
15) Methyl Acetate	4.49	43	58175	29.615	ug/L
16) Methylene chloride	4.72	84	90096	22.875	ug/L
17) trans-1,2-Dichloroethene	5.22	96	82718	24.441	ug/L
18) Methyl tert-butyl Ether	5.22	73	126839	16.632	ug/L
19) 1,1-Dichloroethane	6.02	63	143375	24.258	ug/L
20) cis-1,2-Dichloroethene	6.99	96	86933	24.523	ug/L
22) 2-Butanone	6.99	43	75252	57.718	ug/L
23) Bromochloromethane	7.33	128	42351	24.760	ug/L
25) Chloroform	7.51	83	141180	20.994	ug/L
27) 1,2-Dichloroethane	8.24	62	96452	23.607	ug/L
29) Cyclohexane	7.78	56	126502	22.939	ug/L
30) 1,1,1-Trichloroethane	7.71	97	108909	20.640	ug/L
31) Carbon tetrachloride	7.90	117	106838	22.344	ug/L
33) Benzene	8.16	78	330203	24.858	ug/L
34) Trichloroethene	8.94	95	81279	23.041	ug/L
35) Methylcyclohexane	9.18	83	131358	22.440	ug/L
37) 1,2-Dichloropropane	9.22	63	83106	24.797	ug/L
38) Bromodichloromethane	9.49	83	105806	24.071	ug/L
39) cis-1,3-Dichloropropene	9.92	75	134019	25.181	ug/L
40) 4-Methyl-2-pentanone	10.07	43	148945	54.783	ug/L

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42) Toluene	10.24	91	355707	24.784	ug/L	100
44) trans-1,3-Dichloropropene	10.46	75	122694	25.175	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	69350	26.115	ug/L	100
46) Tetrachloroethene	10.72	164	71761	22.792	ug/L	100
48) 2-Hexanone	10.83	43	114686	58.453	ug/L	100
49) Dibromochloromethane	10.98	129	79460	24.440	ug/L	100
50) 1,2-Dibromoethane	11.08	107	68451	26.850	ug/L	100
51) Chlorobenzene	11.51	112	223896	23.954	ug/L	100
52) Ethylbenzene	11.59	91	365506	23.220	ug/L	100
53) m,p-Xylene	11.70	106	141041	23.432	ug/L	100
54) o-Xylene	12.03	106	118926	20.866	ug/L	100
55) Styrene	12.04	104	238124	23.772	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	84799	26.977	ug/L	100
59) Bromoform	12.20	173	55027	25.178	ug/L	100
60) Isopropylbenzene	12.33	105	267122	18.609	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	63030	26.276	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	198557	17.048	ug/L	100
63) 1,2,4-Trimethylbenzene	13.11	105	215453	19.297	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	169540	23.163	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	170207	22.945	ug/L	100
67) 1,2-Dichlorobenzene	13.74	146	142247	21.525	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.35	75	11966	21.424	ug/L	100
69) 1,3,5-Trichlorobenzene	14.50	180	91126	17.459	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	79807	18.254	ug/L	100
71) Naphthalene	15.23	128	148116	18.778	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	60543	16.339	ug/L	100

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

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