

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
 Data File : VY003666.D
 Acq On : 07 Dec 2020 11:56
 Operator : SY/MD
 Sample : VSTD02532
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025323

Quant Time: Dec 07 12:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 12:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	258084	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	248122	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	132542	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51175	16.27	ug/L	0.00
7) Chloroethane-d5	2.77	69	45424	18.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	124461	19.55	ug/L	0.00
21) 2-Butanone-d5	6.90	46	63126	45.35	ug/L	0.00
24) Chloroform-d	7.49	84	134062	21.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	73003	21.47	ug/L	0.00
32) Benzene-d6	8.12	84	271593	20.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	83304	20.40	ug/L	0.00
41) Toluene-d8	10.18	98	246210	20.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	40608	21.22	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	53167	47.69	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	82253	20.07	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	98517	21.87	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	67790	22.943	ug/L 100
3) Chloromethane	2.12	50	74613	23.266	ug/L 100
5) Vinyl chloride	2.26	62	78125	22.919	ug/L 100
6) Bromomethane	2.66	94	50460	23.411	ug/L 100
8) Chloroethane	2.80	64	50145	23.359	ug/L 100
9) Trichlorofluoromethane	3.14	101	126612	24.258	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	83733	23.968	ug/L 100
12) 1,1-Dichloroethene	3.88	96	79694	24.037	ug/L 100
13) Acetone	3.96	43	46241	45.828	ug/L 100
14) Carbon disulfide	4.20	76	260658	23.985	ug/L 100
15) Methyl Acetate	4.49	43	59283	24.028	ug/L 100
16) Methylene chloride	4.73	84	94210	21.817	ug/L 100
17) trans-1,2-Dichloroethene	5.23	96	88247	24.235	ug/L 100
18) Methyl tert-butyl Ether	5.23	73	227156	25.303	ug/L 100
19) 1,1-Dichloroethane	6.03	63	148814	24.357	ug/L 100
20) cis-1,2-Dichloroethene	7.00	96	96263	24.967	ug/L 100
22) 2-Butanone	7.00	43	79780	46.534	ug/L 100
23) Bromochloromethane	7.34	128	47699	25.406	ug/L 100
25) Chloroform	7.51	83	153399	24.847	ug/L 100
27) 1,2-Dichloroethane	8.25	62	101621	24.940	ug/L 100
29) Cyclohexane	7.80	56	140862	24.342	ug/L 100
30) 1,1,1-Trichloroethane	7.71	97	132333	23.767	ug/L 100
31) Carbon tetrachloride	7.91	117	120771	24.045	ug/L 100
33) Benzene	8.17	78	363465	24.267	ug/L 100
34) Trichloroethene	8.94	95	98322	25.752	ug/L 100
35) Methylcyclohexane	9.19	83	156715	24.502	ug/L 100
37) 1,2-Dichloropropane	9.22	63	91608	24.138	ug/L 100
38) Bromodichloromethane	9.50	83	115890	24.178	ug/L 100
39) cis-1,3-Dichloropropene	9.93	75	145354	24.711	ug/L 100
40) 4-Methyl-2-pentanone	10.07	43	168234	50.114	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.25	91	391683	24.801	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	134455	24.702	ug/L	100
45) 1,1,2-Trichloroethane	10.65	97	79202	24.649	ug/L	100
46) Tetrachloroethene	10.72	164	78984	24.584	ug/L	100
48) 2-Hexanone	10.83	43	119301	49.342	ug/L	100
49) Dibromochloromethane	10.98	129	93114	25.047	ug/L	100
50) 1,2-Dibromoethane	11.09	107	77693	24.940	ug/L	100
51) Chlorobenzene	11.51	112	254878	24.948	ug/L	100
52) Ethylbenzene	11.59	91	428218	25.254	ug/L	100
53) m,p-Xylene	11.70	106	169292	25.485	ug/L	100
54) o-Xylene	12.03	106	163121	25.906	ug/L	100
55) Styrene	12.04	104	278494	25.915	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	88960	21.577	ug/L	100
59) Bromoform	12.21	173	63291	24.515	ug/L	100
60) Isopropylbenzene	12.33	105	425443	25.326	ug/L	100
61) 1,2,3-Trichloropropane	12.64	75	77018	24.548	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	348949	26.171	ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	345950	26.215	ug/L	100
64) 1,3-Dichlorobenzene	13.37	146	206825	25.357	ug/L	100
65) 1,4-Dichlorobenzene	13.45	146	206483	24.923	ug/L	100
67) 1,2-Dichlorobenzene	13.74	146	192712	25.114	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.35	75	17588	24.297	ug/L	100
69) 1,3,5-Trichlorobenzene	14.50	180	148861	25.910	ug/L	100
70) 1,2,4-trichlorobenzene	15.01	180	124984	25.558	ug/L	100
71) Naphthalene	15.23	128	273823	25.707	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	114608	25.579	ug/L	100

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

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