

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120120\
 Data File : VY003632.D
 Acq On : 01 Dec 2020 12:18
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100402

Quant Time: Dec 01 12:28:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 01 11:48:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	261758	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	245013	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	128186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	289417	77.06	ug/L	0.00
7) Chloroethane-d5	2.76	69	230848	79.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	610845	84.30	ug/L	0.00
21) 2-Butanone-d5	6.90	46	289322	205.21	ug/L	0.00
24) Chloroform-d	7.48	84	593481	86.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	327296	85.16	ug/L	0.00
32) Benzene-d6	8.11	84	1239036	86.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	380751	89.05	ug/L	0.00
41) Toluene-d8	10.18	98	1125643	87.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	186688	90.05	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	239396	224.54	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	404400	94.60	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	412612	89.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	283549	90.663 ug/L	99
3) Chloromethane	2.11	50	302266	84.717 ug/L	100
5) Vinyl chloride	2.25	62	333667	87.526 ug/L	98
6) Bromomethane	2.65	94	211994	83.885 ug/L	100
8) Chloroethane	2.80	64	201285	88.370 ug/L	97
9) Trichlorofluoromethane	3.13	101	505619	87.748 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	329637	91.282 ug/L	98
12) 1,1-Dichloroethene	3.87	96	316408	93.050 ug/L #	81
13) Acetone	3.95	43	191371	166.560 ug/L	95
14) Carbon disulfide	4.20	76	1045727	90.279 ug/L	100
15) Methyl Acetate	4.48	43	241498	97.972 ug/L	98
16) Methylene chloride	4.72	84	349807	67.051 ug/L	99
17) trans-1,2-Dichloroethene	5.23	96	344116	93.322 ug/L	98
18) Methyl tert-butyl Ether	5.23	73	916759	100.884 ug/L	100
19) 1,1-Dichloroethane	6.03	63	590730	92.036 ug/L	99
20) cis-1,2-Dichloroethene	6.99	96	376925	95.611 ug/L	95
22) 2-Butanone	7.00	43	328809	189.326 ug/L	99
23) Bromochloromethane	7.34	128	179959	93.227 ug/L	97
25) Chloroform	7.51	83	588385	91.215 ug/L	98
27) 1,2-Dichloroethane	8.24	62	392989	91.733 ug/L	96
29) Cyclohexane	7.79	56	571469	96.788 ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	526223	90.602 ug/L	99
31) Carbon tetrachloride	7.90	117	473220	89.897 ug/L	99
33) Benzene	8.17	78	1378634	91.594 ug/L	100
34) Trichloroethene	8.94	95	342625	91.516 ug/L	98
35) Methylcyclohexane	9.18	83	614049	94.901 ug/L	99
37) 1,2-Dichloropropane	9.22	63	349655	92.397 ug/L	99
38) Bromodichloromethane	9.50	83	451161	93.489 ug/L	99
39) cis-1,3-Dichloropropene	9.93	75	574089	96.916 ug/L	98
40) 4-Methyl-2-pentanone	10.07	43	683746	204.546 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.24	91	1491441	93.737	ug/L	99
44) trans-1,3-Dichloropropene	10.47	75	533100	98.072	ug/L	98
45) 1,1,2-Trichloroethane	10.64	97	299666	95.180	ug/L	99
46) Tetrachloroethene	10.72	164	295926	90.830	ug/L	97
48) 2-Hexanone	10.83	43	506319	212.317	ug/L	99
49) Dibromochloromethane	10.98	129	359650	97.268	ug/L	99
50) 1,2-Dibromoethane	11.09	107	295371	97.546	ug/L	99
51) Chlorobenzene	11.51	112	951911	94.197	ug/L	99
52) Ethylbenzene	11.59	91	1633781	95.595	ug/L	99
53) m,p-Xylene	11.70	106	634088	96.822	ug/L	98
54) o-Xylene	12.03	106	609244	97.743	ug/L	98
55) Styrene	12.04	104	1056110	98.836	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	411557	98.974	ug/L	97
59) Bromoform	12.20	173	250232	97.982	ug/L	99
60) Isopropylbenzene	12.32	105	1629732	96.726	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	294029	95.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	1304534	98.418	ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	1281677	98.414	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	744678	93.093	ug/L	99
65) 1,4-Dichlorobenzene	13.44	146	742115	90.593	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	691444	93.191	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	69686	100.078	ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	511584	92.463	ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	452842	95.033	ug/L	100
71) Naphthalene	15.23	128	1076038	108.461	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	418688	95.820	ug/L	99

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

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