

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003622.D
 Acq On : 25 Nov 2020 13:55
 Operator : SY/MD
 Sample : VSTD10032
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100401

Quant Time: Nov 26 04:43:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 04:40:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	251625	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	232746	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	116864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	315236	87.32	ug/L	0.00
7) Chloroethane-d5	2.77	69	242432	86.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	625426	89.79	ug/L	0.00
21) 2-Butanone-d5	6.90	46	254338	187.66	ug/L	0.00
24) Chloroform-d	7.48	84	594789	90.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	331085	89.61	ug/L	0.00
32) Benzene-d6	8.12	84	1222761	89.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	370041	91.11	ug/L	0.00
41) Toluene-d8	10.18	98	1117881	91.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	184435	93.65	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	209840	207.19	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	366700	90.31	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	380862	90.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	282803	94.066	ug/L 98
3) Chloromethane	2.11	50	309661	90.285	ug/L 99
5) Vinyl chloride	2.25	62	340608	92.945	ug/L 97
6) Bromomethane	2.66	94	235977	97.135	ug/L 98
8) Chloroethane	2.80	64	202885	92.659	ug/L 99
9) Trichlorofluoromethane	3.13	101	510775	92.212	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	323068	93.066	ug/L 99
12) 1,1-Dichloroethene	3.88	96	310160	94.886	ug/L 84
13) Acetone	3.97	43	193421	175.124	ug/L 98
14) Carbon disulfide	4.20	76	1036035	93.044	ug/L 99
15) Methyl Acetate	4.49	43	216571	91.398	ug/L 100
16) Methylene chloride	4.73	84	342681	68.330	ug/L 94
17) trans-1,2-Dichloroethene	5.23	96	335705	94.707	ug/L 98
18) Methyl tert-butyl Ether	5.23	73	870455	99.646	ug/L 100
19) 1,1-Dichloroethane	6.03	63	579954	93.995	ug/L 100
20) cis-1,2-Dichloroethene	7.00	96	361923	95.502	ug/L 100
22) 2-Butanone	7.00	43	302619	181.262	ug/L 99
23) Bromochloromethane	7.34	128	170565	91.919	ug/L 99
25) Chloroform	7.51	83	582616	93.958	ug/L 97
27) 1,2-Dichloroethane	8.25	62	387753	94.156	ug/L 97
29) Cyclohexane	7.79	56	561543	100.119	ug/L 100
30) 1,1,1-Trichloroethane	7.71	97	523375	94.861	ug/L 100
31) Carbon tetrachloride	7.90	117	470787	94.148	ug/L 99
33) Benzene	8.17	78	1335991	93.439	ug/L 100
34) Trichloroethene	8.94	95	334356	94.014	ug/L 97
35) Methylcyclohexane	9.19	83	602449	98.015	ug/L 98
37) 1,2-Dichloropropane	9.22	63	342923	95.394	ug/L 99
38) Bromodichloromethane	9.50	83	439133	95.793	ug/L 97
39) cis-1,3-Dichloropropene	9.93	75	559362	99.407	ug/L 98
40) 4-Methyl-2-pentanone	10.07	43	626593	197.328	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.25	91	1444981	95.604	ug/L	99
44) trans-1,3-Dichloropropene	10.47	75	510677	98.898	ug/L	98
45) 1,1,2-Trichloroethane	10.64	97	280744	93.870	ug/L	99
46) Tetrachloroethene	10.72	164	289657	93.591	ug/L	96
48) 2-Hexanone	10.83	43	459632	202.898	ug/L	99
49) Dibromochloromethane	10.98	129	339870	96.763	ug/L	99
50) 1,2-Dibromoethane	11.09	107	277420	96.447	ug/L	100
51) Chlorobenzene	11.51	112	911703	94.974	ug/L	99
52) Ethylbenzene	11.59	91	1570829	96.756	ug/L	99
53) m,p-Xylene	11.70	106	604018	97.092	ug/L	98
54) o-Xylene	12.03	106	576736	97.404	ug/L	97
55) Styrene	12.04	104	1007145	99.221	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	371212	93.976	ug/L	97
59) Bromoform	12.21	173	227563	97.739	ug/L	99
60) Isopropylbenzene	12.32	105	1540751	100.304	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	264852	94.790	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	1218734	100.853	ug/L	100
63) 1,2,4-Trimethylbenzene	13.12	105	1195448	100.686	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	687119	94.220	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	683016	91.456	ug/L	97
67) 1,2-Dichlorobenzene	13.73	146	632611	93.522	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.35	75	61670	97.147	ug/L	95
69) 1,3,5-Trichlorobenzene	14.50	180	471867	93.547	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	413936	95.284	ug/L	100
71) Naphthalene	15.23	128	938992	103.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	380434	95.500	ug/L	99

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

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