Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120720\
Data File : VY003667.D
Acq On : 07 Dec 2020 12:19
Operator : SY/MD
Sample : VSTD05033
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD050334

Quant Time: Dec 07 12:39:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM120720SMA.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	254423	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	243775	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	131262	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	106527	34.35	ug/L	0.00
7) Chloroethane-d5	2.77	69	90978	37.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.87	63	241869	38.54	ug/L	0.00
21) 2-Butanone-d5	6.90	46	125530	91.48	ug/L	0.00
24) Chloroform-d	7.49	84	256686	41.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	142348	42.46	ug/L	0.00
32) Benzene-d6	8.12	84	533344	40.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	164833	41.09	ug/L	0.00
41) Toluene-d8	10.18	98	487719	41.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	81110	43.13	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	107168	97.83	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	162058	40.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	193080	43.27	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	131546	45.162	ug/L	99
3) Chloromethane	2.12	50	143763	45.473	ug/L	98
5) Vinyl chloride	2.26	62	152700	45.442	ug/L	99
6) Bromomethane	2.66	94	97147	45.720	ug/L	100
8) Chloroethane	2.80	64	93561	44.211	ug/L	99
9) Trichlorofluoromethane	3.14	101	232729	45.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	152519	44.286	ug/L	99
12) 1,1-Dichloroethene	3.88	96	148847	45.540	ug/L	96
13) Acetone	3.96	43	83593	84.038	ug/L	99
14) Carbon disulfide	4.20	76	483033	45.087	ug/L	99
15) Methyl Acetate	4.49	43	109679	45.094	ug/L	100
16) Methylene chloride	4.73	84	172074	40.422	ug/L	97
17) trans-1,2-Dichloroethene	5.23	96	162893	45.379	ug/L	95
18) Methyl tert-butyl Ether	5.23	73	431704	48.780	ug/L	98
19) 1,1-Dichloroethane	6.03	63	272644	45.266	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	179615	47.255	ug/L	100
22) 2-Butanone	7.00	43	144570	85.537	ug/L	100
23) Bromochloromethane	7.34	128	88721	47.936	ug/L	98
25) Chloroform	7.51	83	279050	45.850	ug/L	100
27) 1,2-Dichloroethane	8.25	62	186745	46.491	ug/L	100
29) Cyclohexane	7.79	56	259731	45.683	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	245982	44.967	ug/L	97
31) Carbon tetrachloride	7.91	117	221850	44.958	ug/L	100
33) Benzene	8.17	78	664330	45.146	ug/L	100
34) Trichloroethene	8.94	95	181329	48.340	ug/L	97
35) Methylcyclohexane	9.19	83	291252	46.348	ug/L	99
37) 1,2-Dichloropropane	9.22	63	167650	44.962	ug/L	99
38) Bromodichloromethane	9.50	83	216452	45.963	ug/L	96
39) cis-1,3-Dichloropropene	9.93	75	274158	47.439	ug/L	98
40) 4-Methyl-2-pentanone	10.08	43	313932	95.183	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	10.25	91	725596	46.764 ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	253820	47.463 ug/L	99
45) 1,1,2-Trichloroethane	10.65	97	148009	46.885 ug/L	98
46) Tetrachloroethene	10.72	164	143785	45.551 ug/L	97
48) 2-Hexanone	10.83	43	225332	94.858 ug/L	99
49) Dibromochloromethane	10.98	129	175338	48.006 ug/L	98
50) 1,2-Dibromoethane	11.09	107	141950	46.380 ug/L	96
51) Chlorobenzene	11.51	112	469686	46.794 ug/L	98
52) Ethylbenzene	11.59	91	790084	47.425 ug/L	99
53) m,p-Xylene	11.70	106	305960	46.881 ug/L	97
54) o-Xylene	12.03	106	296504	47.928 ug/L	99
55) Styrene	12.04	104	517809	49.044 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	162801	40.191 ug/L	99
59) Bromoform	12.21	173	121500	47.520 ug/L	97
60) Isopropylbenzene	12.33	105	790043	47.489 ug/L	100
61) 1,2,3-Trichloropropane	12.64	75	141780	45.630 ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	643670	48.745 ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	640597	49.015 ug/L	99
64) 1,3-Dichlorobenzene	13.37	146	377876	46.780 ug/L	100
65) 1,4-Dichlorobenzene	13.45	146	380579	46.385 ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	350638	46.140 ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	32388	45.180 ug/L	96
69) 1,3,5-Trichlorobenzene	14.50	180	266425	46.824 ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	234008	48.319 ug/L	99
71) Naphthalene	15.23	128	517632	49.070 ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	211972	47.772 ug/L	100

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

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