Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120321\
Data File : VY006926.D
Acq On : 03 Dec 2021 19:11
Operator : SY/MD
Sample : VSTD10005
Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD100805

Quant Time: Dec 04 02:12:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 04 02:08:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	208048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	191979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	95571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	275044	82.041	ug/L	0.00
7) Chloroethane-d5	2.765	69	203583	81.884	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.857	63	540806	94.606	ug/L	0.00
21) 2-Butanone-d5	6.887	46	186747	197.349	ug/L	0.00
24) Chloroform-d	7.478	84	469207	90.851	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.142	65	281373	84.311	ug/L	0.00
32) Benzene-d6	8.112	84	931965	89.592	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	279370	90.937	ug/L	0.00
41) Toluene-d8	10.179	98	882266	89.038	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.435	79	144693	91.571	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	135634	199.373	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.556	84	225560	92.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	275167	85.045	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	141510	42.312	ug/L	95
3) Chloromethane	2.119	50	242352	69.243	ug/L	97
5) Vinyl chloride	2.259	62	369586	85.418	ug/L	99
6) Bromomethane	2.662	94	221845	109.195	ug/L	100
8) Chloroethane	2.802	64	217561	88.894	ug/L	98
9) Trichlorofluoromethane	3.131	101	277471	55.748	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	255402	92.733	ug/L	97
12) 1,1-Dichloroethene	3.875	96	273424	100.956	ug/L	91
13) Acetone	3.942	43	164374	161.491	ug/L	97
14) Carbon disulfide	4.198	76	885590	92.035	ug/L	98
15) Methyl Acetate	4.472	43	202301	116.234	ug/L	96
16) Methylene chloride	4.716	84	290606	78.980	ug/L	89
17) trans-1,2-Dichloroethene	5.222	96	291886	100.384	ug/L	97
18) Methyl tert-butyl Ether	5.222	73	516662	72.674	ug/L	99
19) 1,1-Dichloroethane	6.021	63	542934	102.022	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	315540	103.060	ug/L	100
22) 2-Butanone	6.984	43	265867	215.580	ug/L	96
23) Bromochloromethane	7.338	128	140420	100.397	ug/L	92
25) Chloroform	7.508	83	553139	96.472	ug/L	98
27) 1,2-Dichloroethane	8.240	62	398297	97.234	ug/L	99
29) Cyclohexane	7.789	56	539551	105.864	ug/L	97
30) 1,1,1-Trichloroethane	7.704	97	465910	93.446	ug/L	99
31) Carbon tetrachloride	7.905	117	444121	97.159	ug/L	99
33) Benzene	8.161	78	1270081	103.898	ug/L	100
34) Trichloroethene	8.941	95	308211	100.093	ug/L	97
35) Methylcyclohexane	9.185	83	560582	103.490	ug/L	99
37) 1,2-Dichloropropane	9.215	63	313744	106.148	ug/L	99
38) Bromodichloromethane	9.496	83	415473	103.203	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	516059	110.309	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	594002	248.477	ug/L	99
42) Toluene	10.246	91	1366628	103.416	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	487811	110.312	ug/L	98

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45) 1,1,2-Trichloroethane	10.642	97	234556	107.435	ug/L	95
46) Tetrachloroethene	10.721	164	255582	99.139	ug/L	98
48) 2-Hexanone	10.831	43	402469	225.543	ug/L	99
49) Dibromochloromethane	10.983	129	285776	104.866	ug/L	94
50) 1,2-Dibromoethane	11.087	107	225467	110.361	ug/L	100
51) Chlorobenzene	11.514	112	816624	101.604	ug/L	99
52) Ethylbenzene	11.593	91	1473967	104.218	ug/L	99
53) m,p-Xylene	11.703	106	556228	103.336	ug/L	99
54) o-Xylene	12.032	106	536025	104.036	ug/L	97
55) Styrene	12.044	104	951272	105.576	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	285843	116.241	ug/L	99
59) Bromoform	12.209	173	186492	108.243	ug/L	99
60) Isopropylbenzene	12.331	105	1392869	103.547	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	215776	107.922	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	1139139	104.163	ug/L	100
63) 1,2,4-Trimethylbenzene	13.117	105	1129358	104.421	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	605965	100.540	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	605748	99.914	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	548384	100.367	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	49549	106.910	ug/L	89
69) 1,3,5-Trichlorobenzene	14.501	180	430572	102.320	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	352242	103.847	ug/L	99
71) Naphthalene	15.233	128	745301	112.015	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	303174	103.918	ug/L	99

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

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