Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
Data File : VY006306.D
Acq On : 05 Oct 2021 10:30
Operator : SY/MD
Sample : VSTD10018
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD100818

Quant Time: Oct 05 11:15:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM100521SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 05 10:59:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	213537	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	204578	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	105099	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	383653	109.51	ug/L	0.00
7) Chloroethane-d5	2.766	69	277288	107.34	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	622151	98.05	ug/L	0.00
21) 2-Butanone-d5	6.899	46	221318	163.15	ug/L	0.00
24) Chloroform-d	7.490	84	565340	102.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	367725	106.23	ug/L	0.00
32) Benzene-d6	8.118	84	1152441	96.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	334695	87.64	ug/L	0.00
41) Toluene-d8	10.185	98	1111960	101.30	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	182781	99.21	ug/L	0.00
47) 2-Hexanone-d5	10.789	63	168613	167.79	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	276576	83.66	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	381093	101.46	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	400232	103.20	ug/L	99
3) Chloromethane	2.119	50	394576	91.07	ug/L	99
5) Vinyl chloride	2.260	62	448807	94.36	ug/L	100
6) Bromomethane	2.656	94	228504	114.81	ug/L	98
8) Chloroethane	2.802	64	254860	92.30	ug/L	97
9) Trichlorofluoromethane	3.131	101	553954	91.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	281507	82.91	ug/L	94
12) 1,1-Dichloroethene	3.881	96	279968	87.32	ug/L	91
13) Acetone	3.954	43	246028	204.97	ug/L	97
14) Carbon disulfide	4.204	76	970411	90.38	ug/L	99
15) Methyl Acetate	4.485	43	182172	69.55	ug/L	99
16) Methylene chloride	4.729	84	291920	68.93	ug/L	94
17) trans-1,2-Dichloroethene	5.235	96	300278	85.67	ug/L	97
18) Methyl tert-butyl Ether	5.229	73	837271	85.71	ug/L	97
19) 1,1-Dichloroethane	6.027	63	529614	81.53	ug/L	99
20) cis-1,2-Dichloroethene	6.997	96	319751	85.71	ug/L	99
22) 2-Butanone	6.997	43	295382	168.30	ug/L	98
23) Bromochloromethane	7.344	128	141885	82.17	ug/L	86
25) Chloroform	7.515	83	574842	85.03	ug/L	99
27) 1,2-Dichloroethane	8.246	62	421282	88.04	ug/L	96
29) Cyclohexane	7.789	56	558872	86.99	ug/L	97
30) 1,1,1-Trichloroethane	7.710	97	526818	88.13	ug/L	99
31) Carbon tetrachloride	7.905	117	474104	96.18	ug/L	99
33) Benzene	8.167	78	1284936	84.89	ug/L	100
34) Trichloroethene	8.941	95	323088	84.30	ug/L	99
35) Methylcyclohexane	9.185	83	582798	88.95	ug/L	99
37) 1,2-Dichloropropane	9.222	63	303811	78.17	ug/L	99
38) Bromodichloromethane	9.502	83	418710	83.91	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	508363	83.03	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	546959	140.54	ug/L	98
42) Toluene	10.246	91	1404142	86.64	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	484080	84.62	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	232457	77.55	ug/L		97
46) Tetrachloroethene	10.721	164	269713	90.10	ug/L		95
48) 2-Hexanone	10.837	43	435257	159.41	ug/L		98
49) Dibromochloromethane	10.990	129	292407	83.72	ug/L		98
50) 1,2-Dibromoethane	11.093	107	222357	77.46	ug/L		99
51) Chlorobenzene	11.520	112	839657	84.70	ug/L		98
52) Ethylbenzene	11.593	91	1532454	87.68	ug/L		99
53) m,p-Xylene	11.703	106	583667	89.20	ug/L		99
54) o-Xylene	12.032	106	575213	91.87	ug/L		98
55) Styrene	12.044	104	1009485	92.73	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.581	83	260060	73.92	ug/L		99
59) Bromoform	12.209	173	193123	81.84	ug/L	#	98
60) Isopropylbenzene	12.331	105	1522225	85.76	ug/L		99
61) 1,2,3-Trichloropropane	12.636	75	216778	69.31	ug/L		99
62) 1,3,5-Trimethylbenzene	12.813	105	1266455	88.12	ug/L		99
63) 1,2,4-Trimethylbenzene	13.123	105	1243629	86.96	ug/L		100
64) 1,3-Dichlorobenzene	13.367	146	654126	85.70	ug/L		99
65) 1,4-Dichlorobenzene	13.447	146	649673	84.07	ug/L		99
67) 1,2-Dichlorobenzene	13.739	146	603326	86.01	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.355	75	52643	73.00	ug/L		97
69) 1,3,5-Trichlorobenzene	14.501	180	471042	90.21	ug/L		99
70) 1,2,4-trichlorobenzene	15.007	180	397141	91.51	ug/L		98
71) Naphthalene	15.233	128	835294	81.40	ug/L		99
72) 1,2,3-Trichlorobenzene	15.422	180	352860	90.13	ug/L		99

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

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