Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
Data File : VY004844.D
Acq On : 19 May 2021 11:12
Operator : SY/MD
Sample : VSTD00534
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD005134

Quant Time: May 20 01:30:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM051921SMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 20 01:29:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	319505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	293548	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	137580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	23890	3.80	ug/L	0.00
7) Chloroethane-d5	2.765	69	18635	3.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.862	63	43792	4.34	ug/L	0.00
21) 2-Butanone-d5	6.905	46	20367	10.00	ug/L	0.00
24) Chloroform-d	7.490	84	41239	4.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.148	65	25543	4.57	ug/L	0.00
32) Benzene-d6	8.118	84	85626	4.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	28199	5.10	ug/L	0.00
41) Toluene-d8	10.184	98	76119	4.53	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	13157	4.68	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	13785	9.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	24146	4.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	23999	4.57	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.905	85	21294	3.63	ug/L	98
3) Chloromethane	2.119	50	26853	4.02	ug/L	96
5) Vinyl chloride	2.259	62	27954	4.27	ug/L	98
6) Bromomethane	2.655	94	11151	3.05	ug/L	100
8) Chloroethane	2.802	64	16641	4.07	ug/L	98
9) Trichlorofluoromethane	3.131	101	36668	4.55	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	21165	4.58	ug/L	97
12) 1,1-Dichloroethene	3.875	96	19572	4.41	ug/L	89
13) Acetone	3.960	43	13203	8.86	ug/L	97
14) Carbon disulfide	4.198	76	66093	4.37	ug/L	99
15) Methyl Acetate	4.490	43	18326	5.11	ug/L	99
16) Methylene chloride	4.728	84	32658	5.89	ug/L	97
17) trans-1,2-Dichloroethene	5.228	96	21611	4.61	ug/L	95
18) Methyl tert-butyl Ether	5.240	73	61410	4.64	ug/L	100
19) 1,1-Dichloroethane	6.021	63	40958	4.67	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	22864	4.64	ug/L	97
22) 2-Butanone	7.002	43	21394	9.27	ug/L	100
23) Bromochloromethane	7.343	128	11423	4.86	ug/L	92
25) Chloroform	7.514	83	40849	4.62	ug/L	100
27) 1,2-Dichloroethane	8.246	62	28999	4.45	ug/L	99
29) Cyclohexane	7.795	56	37177	4.52	ug/L	99
30) 1,1,1-Trichloroethane	7.709	97	34450	4.48	ug/L	97
31) Carbon tetrachloride	7.904	117	25701	3.79	ug/L	98
33) Benzene	8.167	78	90758	4.83	ug/L	100
34) Trichloroethene	8.947	95	23265	4.67	ug/L	95
35) Methylcyclohexane	9.185	83	37618	4.56	ug/L	97
37) 1,2-Dichloropropane	9.221	63	24272	4.80	ug/L	98
38) Bromodichloromethane	9.502	83	29810	4.55	ug/L	94
39) cis-1,3-Dichloropropene	9.928	75	37073	4.72	ug/L	95
40) 4-Methyl-2-pentanone	10.075	43	51194	10.40	ug/L	99
42) Toluene	10.245	91	95338	4.67	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	34225	4.70	ug/L	98

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45) 1,1,2-Trichloroethane	10.648	97	19109	5.03	ug/L	94
46) Tetrachloroethene	10.721	164	17275	4.27	ug/L	97
48) 2-Hexanone	10.837	43	32762	9.35	ug/L	99
49) Dibromochloromethane	10.989	129	20712	4.46	ug/L	90
50) 1,2-Dibromoethane	11.093	107	17937	4.80	ug/L	96
51) Chlorobenzene	11.520	112	60173	4.70	ug/L	99
52) Ethylbenzene	11.593	91	101738	4.49	ug/L	99
53) m,p-Xylene	11.702	106	37304	4.40	ug/L	95
54) o-Xylene	12.032	106	34964	4.32	ug/L	96
55) Styrene	12.044	104	59403	4.22	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.586	83	22628	4.65	ug/L	97
59) Bromoform	12.208	173	13155	4.65	ug/L	99
60) Isopropylbenzene	12.330	105	96006	4.86	ug/L	99
61) 1,2,3-Trichloropropane	12.635	75	18702	5.31	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	74935	4.50	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	74491	4.54	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	41865	4.67	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	42314	4.71	ug/L	96
67) 1,2-Dichlorobenzene	13.739	146	38673	4.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.354	75	4307	5.12	ug/L	90
69) 1,3,5-Trichlorobenzene	14.501	180	27777	4.33	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	22770	4.27	ug/L	98
71) Naphthalene	15.238	128	53012	4.63	ug/L	99
72) 1,2,3-Trichlorobenzene	15.421	180	20790	4.48	ug/L	97

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

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