Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
Data File : VY004846.D
Acq On : 19 May 2021 11:58
Operator : SY/MD
Sample : VSTD05036
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD050136

Quant Time: May 20 01:30:43 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	326146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	304997	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	147919	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	271440	42.35	ug/L	0.00
7) Chloroethane-d5	2.765	69	201546	41.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	472793	45.88	ug/L	0.00
21) 2-Butanone-d5	6.899	46	234404	112.76	ug/L	0.00
24) Chloroform-d	7.484	84	416099	44.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	266624	46.73	ug/L	0.00
32) Benzene-d6	8.118	84	928179	50.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	299386	52.13	ug/L	0.00
41) Toluene-d8	10.185	98	852914	48.82	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	145527	49.87	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	181306	119.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	274120	52.21	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	270178	47.84	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	218978	36.60	ug/L	98
3) Chloromethane	2.119	50	260077	38.12	ug/L	98
5) Vinyl chloride	2.253	62	270897	40.50	ug/L	99
6) Bromomethane	2.656	94	109366	29.29	ug/L	99
8) Chloroethane	2.796	64	161178	38.57	ug/L	99
9) Trichlorofluoromethane	3.131	101	353814	42.99	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	216153	45.86	ug/L	99
12) 1,1-Dichloroethene	3.881	96	201131	44.38	ug/L	93
13) Acetone	3.960	43	124895	82.15	ug/L	95
14) Carbon disulfide	4.204	76	628063	40.64	ug/L	100
15) Methyl Acetate	4.491	43	181155	49.47	ug/L	99
16) Methylene chloride	4.728	84	228450	40.40	ug/L	97
17) trans-1,2-Dichloroethene	5.228	96	217785	45.46	ug/L	95
18) Methyl tert-butyl Ether	5.234	73	645454	47.74	ug/L	100
19) 1,1-Dichloroethane	6.027	63	415291	46.39	ug/L	98
20) cis-1,2-Dichloroethene	6.996	96	236353	46.97	ug/L	96
22) 2-Butanone	6.996	43	234212	99.46	ug/L	100
23) Bromochloromethane	7.344	128	109564	45.65	ug/L	99
25) Chloroform	7.514	83	432387	47.89	ug/L	100
27) 1,2-Dichloroethane	8.246	62	295319	44.43	ug/L	98
29) Cyclohexane	7.789	56	405928	47.54	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	357324	44.68	ug/L	99
31) Carbon tetrachloride	7.905	117	295551	41.93	ug/L	99
33) Benzene	8.167	78	933981	47.83	ug/L	100
34) Trichloroethene	8.941	95	238622	46.12	ug/L	98
35) Methylcyclohexane	9.185	83	412083	48.05	ug/L	99
37) 1,2-Dichloropropane	9.221	63	251262	47.87	ug/L	100
38) Bromodichloromethane	9.502	83	311975	45.79	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	398842	48.92	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	550158	107.57	ug/L	99
42) Toluene	10.246	91	1002404	47.27	ug/L	100
44) trans-1,3-Dichloropropene	10.471	75	370860	49.04	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	195516	49.51	ug/L	98
46) Tetrachloroethene	10.721	164	176898	42.10	ug/L	98
48) 2-Hexanone	10.837	43	390844	107.41	ug/L	100
49) Dibromochloromethane	10.989	129	225183	46.64	ug/L	99
50) 1,2-Dibromoethane	11.093	107	192789	49.70	ug/L	99
51) Chlorobenzene	11.520	112	609414	45.86	ug/L	100
52) Ethylbenzene	11.593	91	1099611	46.68	ug/L	99
53) m,p-Xylene	11.703	106	407192	46.26	ug/L	99
54) o-Xylene	12.032	106	394304	46.84	ug/L	99
55) Styrene	12.044	104	685753	46.93	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	245792	48.65	ug/L	99
59) Bromoform	12.209	173	143406	47.18	ug/L	99
60) Isopropylbenzene	12.331	105	1056130	49.68	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	199618	52.69	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	865887	48.36	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	870692	49.39	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	443512	46.02	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	442520	45.84	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	408239	45.51	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	45145	49.88	ug/L	96
69) 1,3,5-Trichlorobenzene	14.501	180	300935	43.64	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	258229	45.09	ug/L	99
71) Naphthalene	15.233	128	679028	55.12	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	235012	47.07	ug/L	99

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

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