Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
Data File : VY006305.D
Acq On : 05 Oct 2021 10:07
Operator : SY/MD
Sample : VSTD05017
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD050817

Quant Time: Oct 05 11:01:11 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	209817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	197627	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	105514	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	190986	55.48	ug/L	0.00
7) Chloroethane-d5	2.766	69	138403	54.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	304717	48.87	ug/L	0.00
21) 2-Butanone-d5	6.899	46	104257	78.22	ug/L	0.00
24) Chloroform-d	7.484	84	275736	51.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	180367	53.03	ug/L	0.00
32) Benzene-d6	8.118	84	565460	48.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	163769	44.39	ug/L	0.00
41) Toluene-d8	10.185	98	542898	51.20	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	87922	49.40	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	77930	80.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	131241	41.09	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	186209	49.38	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	201034	52.76	ug/L	100
3) Chloromethane	2.119	50	193649	45.49	ug/L	97
5) Vinyl chloride	2.260	62	225328	48.21	ug/L	99
6) Bromomethane	2.662	94	108327	55.39	ug/L	97
8) Chloroethane	2.802	64	125855	46.39	ug/L	98
9) Trichlorofluoromethane	3.137	101	276165	46.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	140069	41.99	ug/L	94
12) 1,1-Dichloroethene	3.881	96	135940	43.15	ug/L	86
13) Acetone	3.954	43	126501	107.26	ug/L	95
14) Carbon disulfide	4.204	76	486053	46.07	ug/L	99
15) Methyl Acetate	4.485	43	88615	34.43	ug/L	99
16) Methylene chloride	4.729	84	147629	35.48	ug/L	95
17) trans-1,2-Dichloroethene	5.229	96	148486	43.11	ug/L	94
18) Methyl tert-butyl Ether	5.235	73	398732	41.54	ug/L	97
19) 1,1-Dichloroethane	6.027	63	261741	41.01	ug/L	100
20) cis-1,2-Dichloroethene	6.996	96	157559	42.98	ug/L	96
22) 2-Butanone	6.996	43	143096	82.98	ug/L	98
23) Bromochloromethane	7.344	128	69494	40.96	ug/L	89
25) Chloroform	7.515	83	285714	43.01	ug/L	100
27) 1,2-Dichloroethane	8.246	62	208514	44.35	ug/L	97
29) Cyclohexane	7.789	56	275622	44.41	ug/L	97
30) 1,1,1-Trichloroethane	7.710	97	262377	45.43	ug/L	99
31) Carbon tetrachloride	7.911	117	234907	49.33	ug/L	99
33) Benzene	8.167	78	628819	43.01	ug/L	100
34) Trichloroethene	8.947	95	159442	43.06	ug/L	99
35) Methylcyclohexane	9.185	83	286558	45.27	ug/L	99
37) 1,2-Dichloropropane	9.222	63	148776	39.63	ug/L	99
38) Bromodichloromethane	9.502	83	206123	42.76	ug/L	100
39) cis-1,3-Dichloropropene	9.935	75	246837	41.73	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	256926	68.34	ug/L	97
42) Toluene	10.246	91	688147	43.95	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	233994	42.34	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	112661	38.91	ug/L		96
46) Tetrachloroethene	10.721	164	133354	46.11	ug/L		96
48) 2-Hexanone	10.837	43	208393	79.01	ug/L		99
49) Dibromochloromethane	10.990	129	142169	42.13	ug/L		96
50) 1,2-Dibromoethane	11.093	107	107188	38.66	ug/L	#	100
51) Chlorobenzene	11.520	112	410940	42.91	ug/L		98
52) Ethylbenzene	11.593	91	746647	44.22	ug/L		99
53) m,p-Xylene	11.703	106	286158	45.27	ug/L		96
54) o-Xylene	12.032	106	277441	45.87	ug/L		98
55) Styrene	12.044	104	488718	46.47	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.581	83	123758	36.41	ug/L		99
59) Bromoform	12.209	173	94117	39.73	ug/L	#	98
60) Isopropylbenzene	12.331	105	746451	41.89	ug/L		99
61) 1,2,3-Trichloropropane	12.636	75	106301	33.85	ug/L		98
62) 1,3,5-Trimethylbenzene	12.813	105	624809	43.30	ug/L		99
63) 1,2,4-Trimethylbenzene	13.117	105	614851	42.82	ug/L		100
64) 1,3-Dichlorobenzene	13.367	146	327687	42.76	ug/L		99
65) 1,4-Dichlorobenzene	13.447	146	329668	42.49	ug/L		99
67) 1,2-Dichlorobenzene	13.739	146	297518	42.25	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.355	75	25743	35.56	ug/L		95
69) 1,3,5-Trichlorobenzene	14.501	180	235753	44.97	ug/L		99
70) 1,2,4-trichlorobenzene	15.007	180	195015	44.76	ug/L		98
71) Naphthalene	15.239	128	402522	39.07	ug/L		99
72) 1,2,3-Trichlorobenzene	15.422	180	172914	43.99	ug/L		99

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

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