Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
Data File : VW018002.D
Acq On : 29 Jan 2021 15:20
Operator : SY/VA
Sample : VSTD05001
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD05001

Quant Time: Jan 29 15:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 29 15:52:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	395901	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	362663	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	193302	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	223651	44.16	ug/L		0.00
7) Chloroethane-d5	2.885	69	180135	37.44	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.025	63	463375	46.55	ug/L		0.00
20) 2-Butanone-d5	7.074	46	126135	98.56	ug/L		0.00
24) Chloroform-d	7.647	84	505634	47.97	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	267998	48.82	ug/L		0.00
29) Benzene-d6	8.275	84	964734	48.10	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	274214	48.30	ug/L		0.00
37) Toluene-d8	10.323	98	932742	49.07	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	132512	54.51	ug/L		0.00
39) 2-Hexanone-d5	10.921	63	108169	112.16	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	237642	50.65	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	345661	51.08	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	259797	45.11	ug/L		100
3) Chloromethane	2.215	50	200202	38.37	ug/L		98
5) Vinyl chloride	2.367	62	269837	46.79	ug/L		99
6) Bromomethane	2.782	94	190453	39.62	ug/L		100
8) Chloroethane	2.922	64	160915	39.34	ug/L		100
9) Trichlorofluoromethane	3.257	101	200782	48.06	ug/L		99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	277522	49.48	ug/L	#	68
12) 1,1-Dichloroethene	4.044	96	265725	51.53	ug/L		97
13) Acetone	4.117	43	82193	79.32	ug/L		95
14) Carbon disulfide	4.391	76	789984	53.09	ug/L		99
15) Methyl Acetate	4.666	43	104127	49.15	ug/L		97
16) Methylene chloride	4.916	84	258402	39.16	ug/L		95
17) Methyl tert-butyl Ether	5.422	73	297867	52.89	ug/L		97
18) trans-1,2-Dichloroethene	5.422	96	284476	50.10	ug/L		94
19) 1,1-Dichloroethane	6.214	63	455430	47.95	ug/L		98
21) 2-Butanone	7.165	43	137108	101.46	ug/L		95
22) cis-1,2-Dichloroethene	7.171	96	298417	51.43	ug/L		96
23) Bromochloromethane	7.513	128	140003	52.83	ug/L		94
25) Chloroform	7.677	83	496358	48.73	ug/L		100
27) 1,2-Dichloroethane	8.397	62	319735	48.67	ug/L		99
30) Cyclohexane	7.958	56	422382	48.15	ug/L		95
31) 1,1,1-Trichloroethane	7.872	97	398385	49.00	ug/L		98
32) Carbon tetrachloride	8.067	117	395627	50.35	ug/L		100
34) Benzene	8.323	78	1067102	49.23	ug/L		100
35) Trichloroethene	9.092	95	292156	48.17	ug/L		99
36) Methylcyclohexane	9.335	83	505532	48.89	ug/L		97
40) 1,2-Dichloropropane	9.366	63	245150	47.01	ug/L		100
41) Bromodichloromethane	9.646	83	356118	51.11	ug/L		97
42) cis-1,3-Dichloropropene	10.073	75	415406	53.66	ug/L		98
43) 4-Methyl-2-pentanone	10.207	43	301272	99.03	ug/L		95
44) Toluene	10.390	91	1179436	49.42	ug/L		96
45) trans-1,3-Dichloropropene	10.604	75	364765	54.15	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	206308	52.10	ug/L		98
47) Tetrachloroethene	10.860	164	248102	50.51	ug/L		98
49) 2-Hexanone	10.969	43	209345	98.48	ug/L		95
50) Dibromochloromethane	11.128	129	260599	55.69	ug/L		99
51) 1,2-Dibromoethane	11.238	107	211007	54.38	ug/L	#	97
52) Chlorobenzene	11.658	112	759406	49.10	ug/L		96
53) Ethylbenzene	11.731	91	1333716	49.06	ug/L		96
54) m,p-Xylene	11.841	106	509710	48.68	ug/L		98
55) o-xylene	12.164	106	486521	50.02	ug/L		98
56) Styrene	12.182	104	847398	51.43	ug/L		98
57) Isopropylbenzene	12.463	105	1339299	48.90	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.713	83	239639	50.84	ug/L		100
59) 1,2,3-Trichloropropane	12.768	75	178789	51.58	ug/L		99
62) Bromoform	12.347	173	156189	59.83	ug/L	#	98
63) 1,3-Dichlorobenzene	13.499	146	623328	49.92	ug/L		97
64) 1,4-Dichlorobenzene	13.579	146	616441	49.42	ug/L		97
65) 1,2-Dichlorobenzene	13.871	146	558413	50.41	ug/L		96
66) 1,2-Dibromo-3-chloropr...	14.481	75	40530	51.50	ug/L		98
67) 1,3,5-Trichlorobenzene	14.627	180	482408	53.40	ug/L		98
68) 1,2,4-trichlorobenzene	15.127	180	395901	52.90	ug/L		94
69) Naphthalene	15.365	128	781955	53.71	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	344404	53.05	ug/L		100

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

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