Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040119\
Data File : VV010048.D
Acq On : 01 Apr 2019 15:02
Operator : SY/MD
Sample : VSTD00562
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00562

Quant Time: Apr 01 16:40:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040119S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 01 16:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	282477	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	276073	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132203	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	20587	3.59	ug/L		0.00
7) Chloroethane-d5	1.57	69	18717	3.02	ug/L		0.00
10) 1,1-Dichloroethene-d2	2.13	63	51790	3.30	ug/L		0.00
20) 2-Butanone-d5	3.94	46	9953m	9.32	ug/L		0.00
24) Chloroform-d	4.40	84	27940	3.88	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	20773	4.80	ug/L		0.00
29) Benzene-d6	5.10	84	72967	5.03	ug/L		0.00
33) 1,2-Dichloropropane-d6	6.12	67	20823	4.91	ug/L		0.00
37) Toluene-d8	7.36	98	66141	4.82	ug/L		0.00
38) trans-1,3-Dichloropropene-	7.66	79	7446	4.29	ug/L		0.00
39) 2-Hexanone-d5	8.13	63	6815	8.61	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	18589	4.43	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	25968	5.16	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	24540	5.611	ug/L		100
3) Chloromethane	1.25	50	21463	4.247	ug/L		97
5) Vinyl chloride	1.32	62	23017	3.503	ug/L		98
6) Bromomethane	1.51	94	20830	3.178	ug/L		97
8) Chloroethane	1.59	64	15480	2.734	ug/L		94
9) Trichlorofluoromethane	1.76	101	48889	3.488	ug/L		97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	25870	3.176	ug/L		98
12) 1,1-Dichloroethene	2.14	96	22745	3.291	ug/L		94
13) Acetone	2.19	43	10207	6.311	ug/L		95
14) Carbon disulfide	2.31	76	44865	4.799	ug/L		99
15) Methyl Acetate	2.46	43	9220	4.867	ug/L		97
16) Methylene chloride	2.54	84	31219	6.711	ug/L		92
17) Methyl tert-butyl Ether	2.80	73	42145	4.674	ug/L		97
18) trans-1,2-Dichloroethene	2.79	96	19464	5.259	ug/L		95
19) 1,1-Dichloroethane	3.23	63	31417	4.641	ug/L		99
21) 2-Butanone	4.02	43	9991	6.937	ug/L		87
22) cis-1,2-Dichloroethene	3.96	96	19111	4.676	ug/L		91
23) Bromochloromethane	4.30	128	9448	5.007	ug/L		99
25) Chloroform	4.43	83	42275	5.649	ug/L		97
27) 1,2-Dichloroethane	5.18	62	22385	4.222	ug/L	#	89
30) Cyclohexane	4.73	56	25501	4.581	ug/L		94
31) 1,1,1-Trichloroethane	4.65	97	29205m	5.286	ug/L		
32) Carbon tetrachloride	4.87	117	26891	5.600	ug/L		97
34) Benzene	5.15	78	72013	4.750	ug/L		100
35) Trichloroethene	5.96	95	20556	5.140	ug/L		98
36) Methylcyclohexane	6.18	83	32932	5.249	ug/L		99
40) 1,2-Dichloropropane	6.22	63	17860	4.715	ug/L	#	95
41) Bromodichloromethane	6.56	83	21140	4.487	ug/L	#	95
42) cis-1,3-Dichloropropene	7.07	75	22860	4.139	ug/L		96
43) 4-Methyl-2-pentanone	7.27	43	23723	8.775	ug/L		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	7.43	91	80494	4.816	ug/L		98
45) trans-1,3-Dichloropropene	7.70	75	18658	4.127	ug/L		86
46) 1,1,2-Trichloroethane	7.88	97	15108	4.822	ug/L		95
47) Tetrachloroethene	8.02	164	17086	5.415	ug/L		97
49) 2-Hexanone	8.18	43	13971	7.647	ug/L		94
50) Dibromochloromethane	8.29	129	16243	5.000	ug/L		95
51) 1,2-Dibromoethane	8.40	107	14783	4.859	ug/L	#	94
52) Chlorobenzene	8.93	112	53138	4.776	ug/L		94
53) Ethylbenzene	9.06	91	85476	4.636	ug/L		98
54) m,p-Xylene	9.18	106	33690	4.653	ug/L		97
55) o-xylene	9.59	106	31475	4.478	ug/L		100
56) Styrene	9.60	104	50500	4.183	ug/L		97
57) Isopropylbenzene	9.97	105	84255	4.621	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	18625	4.410	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	14250	4.675	ug/L		99
62) Bromoform	9.78	173	7990	4.699	ug/L	#	97
63) 1,3-Dichlorobenzene	11.23	146	40204	4.917	ug/L		97
64) 1,4-Dichlorobenzene	11.32	146	43102	4.850	ug/L		93
65) 1,2-Dichlorobenzene	11.69	146	39489	4.893	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2074	4.112	ug/L		93
67) 1,3,5-Trichlorobenzene	12.69	180	30334	5.224	ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	17537	4.094	ug/L		97
69) Naphthalene	13.55	128	20000	2.809	ug/L		96
70) 1,2,3-Trichlorobenzene	13.80	180	16242	3.988	ug/L		99

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

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