Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008399.D
Acq On : 24 Oct 2018 18:14
Operator : SY/MD
Sample : MDL01
Misc : 5.00G/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
apatel
10/25/2018 4:41:04 PM

Quant Time: Oct 25 09:33:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 09:16:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197623	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75411	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46695	42.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.36%			
7) Chloroethane-d5	1.57	69	36512	46.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.44%			
11) 1,1-Dichloroethene-d2	2.13	63	65656	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
21) 2-Butanone-d5	3.94	46	116254	97.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.76%			
24) Chloroform-d	4.41	84	120450	44.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.26%			
26) 1,2-Dichloroethane-d4	5.09	65	83834	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.92%			
32) Benzene-d6	5.10	84	240134	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
36) 1,2-Dichloropropane-d6	6.12	67	83945	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.72%			
41) Toluene-d8	7.36	98	213781	46.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.22%			
43) trans-1,3-Dichloropropene-	7.67	79	40141	46.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.22%			
47) 2-Hexanone-d5	8.14	63	87715	94.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.77%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	114895	47.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.72%			
64) 1,2-Dichlorobenzene-d4	11.68	152	72956	47.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3014	2.136	ug/L	99
3) Chloromethane	1.25	50	3556	2.352	ug/L	97
5) Vinyl chloride	1.33	62	3085	2.202	ug/L #	63
6) Bromomethane	1.52	94	1064	2.768	ug/L	86
8) Chloroethane	1.59	64	1705	2.317	ug/L	97
9) Trichlorofluoromethane	1.77	101	3932	2.181	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2607	2.768	ug/L	88
12) 1,1-Dichloroethene	2.14	96	2590	2.921	ug/L #	1
13) Acetone	2.19	43	4890	5.298	ug/L	98
14) Carbon disulfide	2.32	76	8938	2.238	ug/L	97
15) Methyl Acetate	2.46	43	5080	2.760	ug/L	91
16) Methylene chloride	2.54	84	3590	2.338	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	3134	2.319	ug/L	93
18) Methyl tert-butyl Ether	2.81	73	10530	2.177	ug/L #	93
19) 1,1-Dichloroethane	3.24	63	5803	2.082	ug/L	88
20) cis-1,2-Dichloroethene	3.97	96	3419	2.220	ug/L	87
22) 2-Butanone	4.03	43	5590	4.193	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	1599m	2.202	ug/L		
25) Chloroform	4.44	83	6482	2.382	ug/L		96
27) 1,2-Dichloroethane	5.19	62	5469	2.406	ug/L		100
29) Cyclohexane	4.73	56	5686	2.179	ug/L		98
30) 1,1,1-Trichloroethane	4.66	97	5078	2.185	ug/L		97
31) Carbon tetrachloride	4.88	117	4141	2.100	ug/L		99
33) Benzene	5.15	78	13009	2.221	ug/L		100
34) Trichloroethene	5.97	95	3514	2.343	ug/L		92
35) Methylcyclohexane	6.18	83	5334	2.092	ug/L		96
37) 1,2-Dichloropropane	6.23	63	3753	2.320	ug/L	#	89
38) Bromodichloromethane	6.56	83	4504	2.185	ug/L		96
39) cis-1,3-Dichloropropene	7.07	75	5629	2.213	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	10780	4.500	ug/L		99
42) Toluene	7.44	91	14147	2.325	ug/L		99
44) trans-1,3-Dichloropropene	7.70	75	5372	2.258	ug/L		95
45) 1,1,2-Trichloroethane	7.88	97	3037	2.123	ug/L		93
46) Tetrachloroethene	8.02	164	2195	2.245	ug/L		98
48) 2-Hexanone	8.19	43	8171	4.420	ug/L		89
49) Dibromochloromethane	8.29	129	2997	1.950	ug/L		87
50) 1,2-Dibromoethane	8.40	107	3191	2.127	ug/L	#	99
51) Chlorobenzene	8.93	112	8430	2.250	ug/L		95
52) Ethylbenzene	9.06	91	14866	2.181	ug/L		97
53) m,p-Xylene	9.19	106	5270	2.116	ug/L		91
54) o-xylene	9.59	106	5628	2.263	ug/L		91
55) Styrene	9.61	104	8977	2.143	ug/L		99
56) Isopropylbenzene	9.98	105	13560	2.084	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5852	2.336	ug/L	#	98
59) 1,2,3-Trichloropropane	10.32	75	4334	2.138	ug/L		92
61) Bromoform	9.78	173	1988	2.089	ug/L	#	96
62) 1,3-Dichlorobenzene	11.23	146	5780	2.318	ug/L		95
63) 1,4-Dichlorobenzene	11.32	146	6159	2.465	ug/L		96
65) 1,2-Dichlorobenzene	11.69	146	5832	2.294	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.48	75	1094	2.093	ug/L		88
67) 1,3,5-Trichlorobenzene	12.70	180	3205	1.969	ug/L		99
68) 1,2,4-trichlorobenzene	13.32	180	2159	1.639	ug/L		97
69) Naphthalene	13.56	128	5548m	1.303	ug/L		
70) 1,2,3-Trichlorobenzene	13.80	180	1990	1.512	ug/L		97

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

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