Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032520\
Data File : VV015143.D
Acq On : 25 Mar 2020 18:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05073

Manual Integrations APPROVED
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3/26/2020 2:13:18 PM

Quant Time: Mar 26 01:56:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 19:57:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	683094	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	670623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	317200	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	259228	45.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.78%			
7) Chloroethane-d5	1.58	69	241261	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.26%			
11) 1,1-Dichloroethene-d2	2.12	63	544055	48.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.70%			
21) 2-Butanone-d5	3.94	46	377217	100.65	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.65%			
24) Chloroform-d	4.38	84	460863	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
26) 1,2-Dichloroethane-d4	5.06	65	296982	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.62%			
32) Benzene-d6	5.08	84	895748	46.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.64%			
36) 1,2-Dichloropropane-d6	6.09	67	284873	46.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.84%			
41) Toluene-d8	7.34	98	870089	47.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.16%			
43) trans-1,3-Dichloropropene-	7.64	79	159198	47.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.74%			
47) 2-Hexanone-d5	8.11	63	296376	96.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.43%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	433848	48.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.04%			
64) 1,2-Dichlorobenzene-d4	11.65	152	326618	46.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	273638	51.741	ug/L	99
3) Chloromethane	1.25	50	289482	51.388	ug/L	99
5) Vinyl chloride	1.32	62	299924	52.238	ug/L	99
6) Bromomethane	1.53	94	192205	52.654	ug/L	97
8) Chloroethane	1.60	64	199672	47.922	ug/L	100
9) Trichlorofluoromethane	1.77	101	489781	54.271	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	257234	53.899	ug/L	98
12) 1,1-Dichloroethene	2.13	96	244486	53.205	ug/L	97
13) Acetone	2.22	43	234760m	119.305	ug/L	
14) Carbon disulfide	2.31	76	620516	50.864	ug/L	99
15) Methyl Acetate	2.46	43	234889	53.098	ug/L	99
16) Methylene chloride	2.53	84	234032	52.797	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	215453	52.965	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	740768	54.252	ug/L	99
19) 1,1-Dichloroethane	3.21	63	400611	54.032	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	237556	52.855	ug/L #	98
22) 2-Butanone	4.02	43	343318	107.056	ug/L	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 19:57:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	120027	53.245	ug/L	99
25) Chloroform	4.41	83	417656	53.866	ug/L	99
27) 1,2-Dichloroethane	5.16	62	325141	54.122	ug/L	99
29) Cyclohexane	4.70	56	363937	51.540	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	381504	52.453	ug/L	99
31) Carbon tetrachloride	4.86	117	325954	51.900	ug/L	98
33) Benzene	5.13	78	906914	52.551	ug/L	100
34) Trichloroethene	5.94	95	233487	51.063	ug/L	97
35) Methylcyclohexane	6.15	83	390957	50.888	ug/L	99
37) 1,2-Dichloropropane	6.20	63	229767	52.712	ug/L	99
38) Bromodichloromethane	6.53	83	330418	52.977	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	400785	53.324	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	705207	106.812	ug/L	99
42) Toluene	7.41	91	1017194	53.030	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	392386	53.786	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	230079	53.620	ug/L	99
46) Tetrachloroethene	8.00	164	166046	50.888	ug/L	98
48) 2-Hexanone	8.16	43	556523	110.586	ug/L	98
49) Dibromochloromethane	8.27	129	255958	52.366	ug/L	98
50) 1,2-Dibromoethane	8.37	107	247538	52.441	ug/L	99
51) Chlorobenzene	8.90	112	660503	53.088	ug/L	99
52) Ethylbenzene	9.03	91	1155308	53.699	ug/L	99
53) m,p-Xylene	9.16	106	447346	52.881	ug/L	99
54) o-xylene	9.57	106	445797	53.984	ug/L	96
55) Styrene	9.58	104	762239	54.105	ug/L	99
56) Isopropylbenzene	9.95	105	1145877	53.260	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	383971	53.154	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	309123	53.234	ug/L	100
61) Bromoform	9.75	173	171912	52.075	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	492504	53.012	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	492119	51.994	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	499672	53.308	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	103833	51.008	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	317624	50.733	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	303103	51.420	ug/L	99
69) Naphthalene	13.52	128	1211250	53.713	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	310393	52.987	ug/L	99

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

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