Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110320\
Data File : VV019208.D
Acq On : 02 Nov 2020 18:35
Operator : SY/MD
Sample : VSTD01061
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD010303

Quant Time: Nov 03 04:31:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:30:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	238452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232898	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	124390	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	18558	18.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 36.56%#			
7) Chloroethane-d5	1.58	69	14376	18.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 36.86%#			
11) 1,1-Dichloroethene-d2	2.13	63	35322	18.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 37.70%#			
21) 2-Butanone-d5	3.92	46	20029	23.99	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 23.99%#			
24) Chloroform-d	4.38	84	35279	12.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 25.24%#			
26) 1,2-Dichloroethane-d4	5.06	65	24240	13.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 26.74%#			
32) Benzene-d6	5.08	84	64832	11.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 23.20%#			
36) 1,2-Dichloropropane-d6	6.09	67	18837	11.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 22.30%#			
41) Toluene-d8	7.34	98	59177	11.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 22.26%#			
43) trans-1,3-Dichloropropene-	7.65	79	10405	10.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 21.92%#			
47) 2-Hexanone-d5	8.11	63	12859	19.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 19.34%#			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	25016	10.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 21.54%#			
66) 1,2-Dichlorobenzene-d4	11.65	152	24224	10.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 21.94%#			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	15492	9.412	ug/L	97
3) Chloromethane	1.25	50	15277	10.820	ug/L	97
5) Vinyl chloride	1.32	62	16351	13.873	ug/L	97
6) Bromomethane	1.53	94	10775	15.729	ug/L	98
8) Chloroethane	1.60	64	10791	16.796	ug/L	98
9) Trichlorofluoromethane	1.77	101	27473	13.118	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	12947	14.158	ug/L	97
12) 1,1-Dichloroethene	2.14	96	13288	15.299	ug/L	96
13) Acetone	2.19	43	15442	22.153	ug/L	99
14) Carbon disulfide	2.31	76	37897	10.716	ug/L	100
15) Methyl Acetate	2.45	43	14638	11.099	ug/L	99
16) Methylene chloride	2.53	84	15543	9.991	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	14269	10.045	ug/L	93
18) Methyl tert-butyl Ether	2.78	73	47474	9.886	ug/L	99
19) 1,1-Dichloroethane	3.22	63	27302	10.574	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	15232	9.196	ug/L	99
22) 2-Butanone	4.01	43	16135	15.885	ug/L	98

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	8640	10.320	ug/L		94
25) Chloroform	4.40	83	29609	10.181	ug/L		99
27) 1,2-Dichloroethane	5.16	62	25520	11.426	ug/L		99
29) Cyclohexane	4.71	56	19942	8.880	ug/L		99
30) 1,1,1-Trichloroethane	4.64	97	27402	10.351	ug/L		99
31) Carbon tetrachloride	4.86	117	23429	9.964	ug/L		98
33) Benzene	5.13	78	57274	9.455	ug/L		100
34) Trichloroethene	5.94	95	15705	9.498	ug/L		92
35) Methylcyclohexane	6.16	83	18875	7.572	ug/L		94
37) 1,2-Dichloropropane	6.20	63	15504	10.393	ug/L		100
38) Bromodichloromethane	6.53	83	21654	9.384	ug/L	#	99
39) cis-1,3-Dichloropropene	7.05	75	22080	8.493	ug/L		92
40) 4-Methyl-2-pentanone	7.25	43	38114	19.865	ug/L		99
42) Toluene	7.41	91	62393	9.378	ug/L		97
44) trans-1,3-Dichloropropene	7.68	75	23514	9.486	ug/L		97
45) 1,1,2-Trichloroethane	7.86	97	15202	9.604	ug/L		97
46) Tetrachloroethene	8.00	164	13484	10.136	ug/L		95
48) 2-Hexanone	8.16	43	27825	18.763	ug/L		99
49) Dibromochloromethane	8.27	129	17174	8.982	ug/L		99
50) 1,2-Dibromoethane	8.38	107	15142	8.756	ug/L	#	95
51) Chlorobenzene	8.90	112	42651	9.534	ug/L		99
52) Ethylbenzene	9.04	91	68223	8.969	ug/L		99
53) m,p-Xylene	9.16	106	25338	8.626	ug/L		100
54) o-Xylene	9.56	106	24770	8.753	ug/L		97
55) Styrene	9.58	104	43489	8.944	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.26	83	22246	8.922	ug/L		100
59) Bromoform	9.75	173	13246	9.336	ug/L		98
60) Isopropylbenzene	9.95	105	65447	8.454	ug/L		100
61) 1,2,3-Trichloropropane	10.30	75	19365	9.392	ug/L		98
62) 1,3,5-Trimethylbenzene	10.56	105	51994	7.868	ug/L		98
63) 1,2,4-Trimethylbenzene	10.94	105	50552	7.835	ug/L		96
64) 1,3-Dichlorobenzene	11.20	146	35687	9.473	ug/L		99
65) 1,4-Dichlorobenzene	11.30	146	37474	9.668	ug/L		98
67) 1,2-Dichlorobenzene	11.67	146	35333	9.471	ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.45	75	5029	8.089	ug/L		92
69) 1,3,5-Trichlorobenzene	12.67	180	24390	8.983	ug/L		98
70) 1,2,4-trichlorobenzene	13.29	180	21759	8.810	ug/L		98
71) Naphthalene	13.53	128	53298	7.148	ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	21927	9.034	ug/L		98

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

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