Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022478.D
Acq On : 01 Oct 2021 21:16
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV262

Manual Integrations APPROVED
MMDadoda
10/6/2021 2:24:13 PM

Quant Time: Oct 02 01:12:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:01:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	278198	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139942	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87015	50.574	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.140%			
7) Chloroethane-d5	1.568	69	68106	50.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.720%			
11) 1,1-Dichloroethene-d2	2.108	63	174975	51.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.160%			
21) 2-Butanone-d5	3.889	46	75557	79.780	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 79.780%			
24) Chloroform-d	4.342	84	154639	49.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.380%			
26) 1,2-Dichloroethane-d4	5.027	65	88372	48.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.920%			
32) Benzene-d6	5.047	84	304978	51.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.300%			
36) 1,2-Dichloropropane-d6	6.066	67	92263	50.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.520%			
41) Toluene-d8	7.313	98	284559	52.024	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.040%			
43) trans-1,3-Dichloroprop...	7.619	79	43556	50.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.300%			
47) 2-Hexanone-d5	8.088	63	75308	99.031	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.030%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	120510	47.210	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.420%			
66) 1,2-Dichlorobenzene-d4	11.625	152	111665	48.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	137961	49.586	ug/L	98
3) Chloromethane	1.240	50	132284	47.814	ug/L	100
5) Vinyl chloride	1.310	62	131556	50.165	ug/L	99
6) Bromomethane	1.523	94	87958	48.038	ug/L	100
8) Chloroethane	1.584	64	78338	48.979	ug/L	99
9) Trichlorofluoromethane	1.751	101	180892	50.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101861	49.958	ug/L	99
12) 1,1-Dichloroethene	2.114	96	97842	50.348	ug/L	99
13) Acetone	2.179	43	82342m	68.828	ug/L	
14) Carbon disulfide	2.291	76	294612	50.187	ug/L	99
15) Methyl Acetate	2.429	43	91826	42.075	ug/L	100
16) Methylene chloride	2.503	84	112380	46.027	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	103697	48.610	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	315235	47.864	ug/L	99
19) 1,1-Dichloroethane	3.185	63	180458	47.808	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	109057	47.987	ug/L	99
22) 2-Butanone	3.973	43	127164m	80.726	ug/L	
23) Bromochloromethane	4.243	128	58274	46.673	ug/L	95
25) Chloroform	4.368	83	179909	47.366	ug/L	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	5.127	62	127373	46.310	ug/L	97
29)	Cyclohexane	4.674	56	158755	52.915	ug/L	99
30)	1,1,1-Trichloroethane	4.603	97	165792	51.563	ug/L	99
31)	Carbon tetrachloride	4.825	117	146391	51.825	ug/L	98
33)	Benzene	5.095	78	390671	49.157	ug/L	100
34)	Trichloroethene	5.908	95	103879	50.060	ug/L	99
35)	Methylcyclohexane	6.127	83	161950	51.471	ug/L	99
37)	1,2-Dichloropropane	6.172	63	96062	47.209	ug/L	100
38)	Bromodichloromethane	6.506	83	131673	49.817	ug/L	96
39)	cis-1,3-Dichloropropene	7.024	75	151632	49.550	ug/L	100
40)	4-Methyl-2-pentanone	7.227	43	265664	92.918	ug/L	98
42)	Toluene	7.384	91	423457	50.581	ug/L	99
44)	trans-1,3-Dichloropropene	7.648	75	148751	50.486	ug/L	99
45)	1,1,2-Trichloroethane	7.837	97	100804	47.857	ug/L	98
46)	Tetrachloroethene	7.976	164	88772	51.101	ug/L	98
48)	2-Hexanone	8.140	43	201944	92.349	ug/L	98
49)	Dibromochloromethane	8.246	129	113059	49.599	ug/L	100
50)	1,2-Dibromoethane	8.352	107	109098	48.106	ug/L	96
51)	Chlorobenzene	8.879	112	274866	49.361	ug/L	100
52)	Ethylbenzene	9.011	91	455549	52.283	ug/L	99
53)	m,p-Xylene	9.136	106	176787	51.211	ug/L	100
54)	o-Xylene	9.542	106	175869	52.291	ug/L	98
55)	Styrene	9.561	104	296703	51.406	ug/L	97
57)	1,1,2,2-Tetrachloroethane	10.243	83	152545	46.857	ug/L	99
59)	Bromoform	9.731	173	82966	47.946	ug/L	99
60)	Isopropylbenzene	9.931	105	457293	51.360	ug/L	99
61)	1,2,3-Trichloropropane	10.275	75	120972	45.455	ug/L	99
62)	1,3,5-Trimethylbenzene	10.538	105	386783	51.594	ug/L	100
63)	1,2,4-Trimethylbenzene	10.915	105	390844	52.444	ug/L	100
64)	1,3-Dichlorobenzene	11.181	146	220660	48.850	ug/L	99
65)	1,4-Dichlorobenzene	11.271	146	222840	47.501	ug/L	100
67)	1,2-Dichlorobenzene	11.641	146	221614	48.007	ug/L	99
68)	1,2-Dibromo-3-chloropr...	12.429	75	32259	44.241	ug/L	98
69)	1,3,5-Trichlorobenzene	12.644	180	160936	47.950	ug/L	98
70)	1,2,4-trichlorobenzene	13.262	180	145657	48.261	ug/L	99
71)	Naphthalene	13.503	128	477643	48.061	ug/L	100
72)	1,2,3-Trichlorobenzene	13.744	180	150890	48.371	ug/L	100

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

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