Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023716.D
Acq On : 26 Nov 2021 10:10
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 27 03:29:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005371

Manual Integrations APPROVED

Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41923	3.445	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.000%			
7) Chloroethane-d5	1.568	69	35887	3.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.000%			
11) 1,1-Dichloroethene-d2	2.108	63	84482	3.940	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.800%			
20) 2-Butanone-d5	3.892	46	81180	55.498	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.000%			
24) Chloroform-d	4.349	84	88297	4.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
26) 1,2-Dichloroethane-d4	5.031	65	43148	4.359	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.200%			
32) Benzene-d6	5.047	84	163613	4.221	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
36) 1,2-Dichloropropane-d6	6.066	67	47124	4.337	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.313	98	149835	4.137	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.800%			
43) trans-1,3-Dichloroprop...	7.619	79	19873	4.537	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.088	63	77383	53.175	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.340%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38074	4.869	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	60913	4.250	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	72786	5.176	ug/L	100
3) Chloromethane	1.240	50	60814	4.974	ug/L	98
5) Vinyl chloride	1.310	62	63825	4.971	ug/L	97
6) Bromomethane	1.523	94	33986	4.668	ug/L	99
8) Chloroethane	1.584	64	40307	4.954	ug/L	98
9) Trichlorofluoromethane	1.754	101	107902	5.158	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55732	5.316	ug/L	100
12) 1,1-Dichloroethene	2.117	96	51538	5.190	ug/L	98
13) Acetone	2.185	43	82919m	62.997	ug/L	
14) Carbon disulfide	2.294	76	170723	5.114	ug/L	98
15) Methyl Acetate	2.439	43	11375	3.808	ug/L #	85
16) Methylene chloride	2.506	84	58564	4.133	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	111744	5.491	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	59259	5.239	ug/L	99
19) 1,1-Dichloroethane	3.188	63	100119	5.264	ug/L	98
21) 2-Butanone	3.976	43	91866	55.143	ug/L #	73
22) cis-1,2-Dichloroethene	3.908	96	60427	5.571	ug/L	96
23) Bromochloromethane	4.243	128	27442	5.390	ug/L	93
25) Chloroform	4.368	83	111448	5.260	ug/L	99

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27) 1,2-Dichloroethane	5.127	62	58599	5.202	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	102503	5.513	ug/L	100
30) Cyclohexane	4.677	56	86785	5.593	ug/L	98
31) Carbon tetrachloride	4.825	117	94161	5.528	ug/L	100
33) Benzene	5.095	78	230377	5.679	ug/L	100
34) Trichloroethene	5.911	95	60315	5.551	ug/L	96
35) Methylcyclohexane	6.127	83	96157	5.676	ug/L	99
37) 1,2-Dichloropropane	6.169	63	53184	5.515	ug/L	100
38) Bromodichloromethane	6.506	83	72695	5.555	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	78060	5.689	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	263359	57.216	ug/L	99
42) Toluene	7.384	91	257524	5.854	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	65649	5.692	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	38351	5.744	ug/L	96
47) Tetrachloroethene	7.973	164	54669	5.527	ug/L	97
48) 2-Hexanone	8.136	43	195843	57.566	ug/L	99
49) Dibromochloromethane	8.243	129	51050	5.580	ug/L	95
50) 1,2-Dibromoethane	8.352	107	36325	5.580	ug/L	97
51) Chlorobenzene	8.879	112	163521	5.607	ug/L	99
52) Ethylbenzene	9.011	91	269890	5.869	ug/L	99
53) m,p-xylene	9.136	106	107080	5.851	ug/L	98
54) o-xylene	9.542	106	101778	5.848	ug/L	99
55) Styrene	9.558	104	177538	6.054	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41606	5.601	ug/L	99
59) Bromoform	9.728	173	28822	5.383	ug/L	97
60) Isopropylbenzene	9.931	105	281430	5.814	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28830	5.014	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	232224	5.765	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	235044	5.901	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	138896	5.612	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	136576	5.490	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	124754	5.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6149	5.385	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	108452	5.613	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	83079	5.541	ug/L	98
71) Naphthalene	13.503	128	111618	5.532	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	71692	5.518	ug/L	99

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

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