Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022927.D
Acq On : 20 Oct 2021 11:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Manual Integrations APPROVED
MMDadoda
10/22/2021 11:28:53 AM

Quant Time: Oct 21 02:37:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	153511	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	152263	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86370	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48919	4.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.60%			
7) Chloroethane-d5	1.564	69	35278	3.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.40%			
11) 1,1-Dichloroethene-d2	2.108	63	78800	3.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.00%			
20) 2-Butanone-d5	3.892	46	92095	33.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 66.52%			
24) Chloroform-d	4.346	84	100818	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.031	65	45869	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%			
32) Benzene-d6	5.047	84	202049	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.066	67	60737	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.313	98	190461	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloroprop...	7.622	79	20713	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.088	63	92912	51.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.54%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45301	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
66) 1,2-Dichlorobenzene-d4	11.625	152	70996	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	48844	4.37	ug/L	100
3) Chloromethane	1.240	50	52218	4.64	ug/L	98
5) Vinyl chloride	1.307	62	54308	4.67	ug/L	99
6) Bromomethane	1.519	94	26034	3.59	ug/L	99
8) Chloroethane	1.584	64	25422	3.54	ug/L	99
9) Trichlorofluoromethane	1.751	101	67438	3.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40699	4.11	ug/L	97
12) 1,1-Dichloroethene	2.117	96	37018	3.99	ug/L	82
13) Acetone	2.185	43	70368m	45.57	ug/L	
14) Carbon disulfide	2.291	76	130969	5.03	ug/L	100
15) Methyl Acetate	2.436	43	14111	3.19	ug/L	98
16) Methylene chloride	2.503	84	59463	4.66	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	95858	4.27	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	48418	4.80	ug/L	98
19) 1,1-Dichloroethane	3.185	63	88012	4.85	ug/L	96
21) 2-Butanone	3.976	43	95855	37.91	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	49499	4.67	ug/L	98
23) Bromochloromethane	4.246	128	23370	4.97	ug/L	99
25) Chloroform	4.371	83	94499	4.49	ug/L	97

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Sample : VSTDCCC005
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ALS Vial : 2 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 04:07:06 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46489	4.42	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	79014	4.54	ug/L	99
30) Cyclohexane	4.674	56	68247	4.25	ug/L	99
31) Carbon tetrachloride	4.825	117	70059	4.64	ug/L	98
33) Benzene	5.095	78	193475	4.72	ug/L	100
34) Trichloroethene	5.912	95	50759	4.55	ug/L	99
35) Methylcyclohexane	6.127	83	73807	4.72	ug/L	95
37) 1,2-Dichloropropane	6.172	63	47944	4.86	ug/L	98
38) Bromodichloromethane	6.510	83	59662	4.91	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	63697	4.88	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	264135	49.84	ug/L	98
42) Toluene	7.387	91	211464	5.08	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	54466	5.12	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	33593	4.59	ug/L	96
47) Tetrachloroethene	7.976	164	43099	4.78	ug/L	98
48) 2-Hexanone	8.140	43	198390	51.20	ug/L	97
49) Dibromochloromethane	8.246	129	42251	4.93	ug/L	93
50) 1,2-Dibromoethane	8.352	107	32110	4.70	ug/L	99
51) Chlorobenzene	8.882	112	134757	4.93	ug/L	100
52) Ethylbenzene	9.011	91	211978	5.02	ug/L	98
53) m,p-xylene	9.140	106	83411	5.03	ug/L	100
54) o-xylene	9.545	106	79185	5.07	ug/L	98
55) Styrene	9.561	104	140445	5.22	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	40727	5.50	ug/L	95
59) Bromoform	9.731	173	23068	4.77	ug/L	98
60) Isopropylbenzene	9.931	105	215240	4.91	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27557	4.59	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167664	4.73	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	176487	4.98	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	114666	4.98	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	115752	4.95	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	103272	4.78	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5776	5.29	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	87761	5.06	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	70364	5.31	ug/L	100
71) Naphthalene	13.503	128	105574	5.01	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	64978	5.20	ug/L	99

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

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