Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120821\
Data File : VV023851.D
Acq On : 08 Dec 2021 20:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005384

Quant Time: Dec 09 02:53:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44213	4.460	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.200%			
7) Chloroethane-d5	1.568	69	35208	4.518	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.400%			
11) 1,1-Dichloroethene-d2	2.111	63	79697	4.562	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.200%			
20) 2-Butanone-d5	3.908	46	54234	45.511	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.020%			
24) Chloroform-d	4.352	84	88872	5.149	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.034	65	42149	5.227	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.600%			
32) Benzene-d6	5.053	84	161556	5.098	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
36) 1,2-Dichloropropane-d6	6.069	67	45945	5.171	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.400%			
41) Toluene-d8	7.317	98	153781	5.193	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.800%			
43) trans-1,3-Dichloroprop...	7.622	79	19788	5.525	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.600%			
46) 2-Hexanone-d5	8.092	63	86378	72.591	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 145.180%#			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35703	5.584	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	62282	5.307	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	50639	4.420	ug/L	98
3) Chloromethane	1.240	50	42595	4.277	ug/L	95
5) Vinyl chloride	1.311	62	49312	4.714	ug/L	100
6) Bromomethane	1.523	94	28151	4.746	ug/L	99
8) Chloroethane	1.587	64	29673	4.477	ug/L	96
9) Trichlorofluoromethane	1.754	101	83464	4.897	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	42758	5.006	ug/L	99
12) 1,1-Dichloroethene	2.121	96	39345	4.863	ug/L	96
13) Acetone	2.198	43	28965	27.012	ug/L	95
14) Carbon disulfide	2.298	76	114983	4.228	ug/L	100
15) Methyl Acetate	2.449	43	8399	3.451	ug/L #	88
16) Methylene chloride	2.510	84	59470	5.151	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	87990	5.307	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	44367	4.815	ug/L	96
19) 1,1-Dichloroethane	3.191	63	76330	4.926	ug/L	99
21) 2-Butanone	3.998	43	39705	29.254	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	45266	5.122	ug/L	94
23) Bromochloromethane	4.249	128	21248	5.123	ug/L	95
25) Chloroform	4.378	83	84217	4.879	ug/L	97

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46316	5.047	ug/L		96
29) 1,1,1-Trichloroethane	4.609	97	80313	5.282	ug/L		100
30) Cyclohexane	4.677	56	62802	4.950	ug/L		97
31) Carbon tetrachloride	4.831	117	73766	5.297	ug/L		98
33) Benzene	5.101	78	173717	5.237	ug/L		100
34) Trichloroethene	5.915	95	46273	5.208	ug/L		99
35) Methylcyclohexane	6.133	83	72669	5.246	ug/L		97
37) 1,2-Dichloropropane	6.175	63	38505	4.884	ug/L		100
38) Bromodichloromethane	6.513	83	56745	5.303	ug/L		98
39) cis-1,3-Dichloropropene	7.027	75	61817	5.509	ug/L		100
40) 4-Methyl-2-pentanone	7.227	43	211360	56.157	ug/L		98
42) Toluene	7.387	91	197855	5.500	ug/L		97
44) trans-1,3-Dichloropropene	7.651	75	52705	5.589	ug/L		98
45) 1,1,2-Trichloroethane	7.841	97	30807	5.643	ug/L		98
47) Tetrachloroethene	7.976	164	41975	5.190	ug/L		97
48) 2-Hexanone	8.143	43	156211	56.155	ug/L		99
49) Dibromochloromethane	8.246	129	40787	5.452	ug/L		94
50) 1,2-Dibromoethane	8.355	107	29330	5.510	ug/L		97
51) Chlorobenzene	8.883	112	128200	5.376	ug/L		99
52) Ethylbenzene	9.011	91	209125	5.562	ug/L		99
53) m,p-xylene	9.140	106	82378	5.505	ug/L		99
54) o-xylene	9.542	106	81220	5.707	ug/L		98
55) Styrene	9.561	104	135264	5.641	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32576	5.363	ug/L	#	98
59) Bromoform	9.731	173	22676	5.172	ug/L		98
60) Isopropylbenzene	9.931	105	217509	5.488	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	23473	4.986	ug/L		96
62) 1,3,5-Trimethylbenzene	10.538	105	182626	5.537	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	184153	5.646	ug/L		100
64) 1,3-Dichlorobenzene	11.182	146	110703	5.463	ug/L		99
65) 1,4-Dichlorobenzene	11.272	146	107945	5.300	ug/L		98
67) 1,2-Dichlorobenzene	11.641	146	98627	5.318	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5729	6.128	ug/L		93
69) 1,3,5-Trichlorobenzene	12.644	180	85915	5.430	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	67186	5.473	ug/L		98
71) Naphthalene	13.503	128	98352	5.953	ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	60680	5.704	ug/L		98

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

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