Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
Data File : VU042451.D
Acq On : 26 Feb 2021 17:48
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005352

Quant Time: Feb 27 00:35:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 27 00:17:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	97598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	95320	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53593	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21719	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.919	69	22215	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.575	65	13562	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.20%			
20) 2-Butanone-d5	4.645	46	116171	50.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.48%			
24) Chloroform-d	5.076	84	66121	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.713	65	41109	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.735	84	114376	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.700	67	38283	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.906	98	109540	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloroprop...	8.188	79	15138	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.645	63	85280	49.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.32%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34260	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
66) 1,2-Dichlorobenzene-d4	12.201	152	46948	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	50410	5.11	ug/L	99
3) Chloromethane	1.523	50	45963	5.15	ug/L	98
5) Vinyl chloride	1.607	62	45994	5.30	ug/L	98
6) Bromomethane	1.864	94	27001	5.13	ug/L	97
8) Chloroethane	1.941	64	27512	5.18	ug/L	97
9) Trichlorofluoromethane	2.144	101	74779	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	38804	5.19	ug/L	99
12) 1,1-Dichloroethene	2.587	96	36143	5.24	ug/L	92
13) Acetone	2.658	43	61835	42.83	ug/L	92
14) Carbon disulfide	2.800	76	117182	5.18	ug/L	99
15) Methyl Acetate	2.964	43	18199	5.35	ug/L	96
16) Methylene chloride	3.054	84	40093	4.88	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	99670	5.22	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	37155	5.13	ug/L	94
19) 1,1-Dichloroethane	3.880	63	74507	5.31	ug/L	97
21) 2-Butanone	4.726	43	146251	56.41	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	41647	5.36	ug/L	96
23) Bromochloromethane	4.986	128	19719	5.25	ug/L	98
25) Chloroform	5.099	83	76026	5.15	ug/L	98

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Instrument : MSVOA_U
ClientSampleId : VSTD005352

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	58660	5.35	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	69915	5.20	ug/L	98
30) Cyclohexane	5.398	56	69505	5.15	ug/L	98
31) Carbon tetrachloride	5.533	117	60228	5.16	ug/L	97
33) Benzene	5.783	78	156886	5.11	ug/L	100
34) Trichloroethene	6.552	95	41993	4.98	ug/L	97
35) Methylcyclohexane	6.771	83	66186	5.15	ug/L	100
37) 1,2-Dichloropropane	6.800	63	42118	5.07	ug/L	99
38) Bromodichloromethane	7.115	83	54211	5.05	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	61437	5.18	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	360353	52.38	ug/L	99
42) Toluene	7.976	91	172416	5.18	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	56533	5.31	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	30587	5.17	ug/L	96
47) Tetrachloroethene	8.561	164	35527	5.20	ug/L	97
48) 2-Hexanone	8.697	43	267149	53.54	ug/L	97
49) Dibromochloromethane	8.819	129	38598	5.17	ug/L	100
50) 1,2-Dibromoethane	8.931	107	31088	5.12	ug/L	100
51) Chlorobenzene	9.455	112	107344	5.08	ug/L	99
52) Ethylbenzene	9.578	91	192277	5.14	ug/L	100
53) m,p-Xylene	9.700	106	70887	5.15	ug/L	98
54) o-Xylene	10.108	106	69716	5.16	ug/L	93
55) Styrene	10.121	104	121349	5.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	40294	5.34	ug/L	97
59) Bromoform	10.298	173	23518	5.15	ug/L	98
60) Isopropylbenzene	10.491	105	194158	5.30	ug/L	99
61) 1,2,3-Trichloropropane	10.831	75	30537	5.17	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	162729	5.20	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	163930	5.30	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	92645	5.24	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	92179	5.23	ug/L	99
67) 1,2-Dichlorobenzene	12.220	146	87367	5.10	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	7665	5.72	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	74170	5.14	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	63451	5.60	ug/L	96
71) Naphthalene	14.095	128	95670	5.48	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	55460	5.43	ug/L	100

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

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