Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
Data File : VU044405.D
Acq On : 10 Aug 2021 11:13
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 01:02:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 10 02:08:42 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

Manual Integrations APPROVED
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8/11/2021 8:59:20 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	162990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	161483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	85316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51578	3.787	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.800%			
7) Chloroethane-d5	1.916	69	63434	5.426	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.600%			
11) 1,1-Dichloroethene-d2	2.568	65	24959	4.351	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.000%			
20) 2-Butanone-d5	4.639	46	158342	39.210	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.420%			
24) Chloroform-d	5.073	84	127441	5.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.600%			
26) 1,2-Dichloroethane-d4	5.710	65	64313	4.862	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.200%			
32) Benzene-d6	5.735	84	257855	5.096	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
36) 1,2-Dichloropropane-d6	6.700	67	79065	5.028	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.600%			
41) Toluene-d8	7.906	98	236608	5.224	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.400%			
43) trans-1,3-Dichloroprop...	8.189	79	25023	4.088	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.642	63	138875	37.577	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.160%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	63629	4.525	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.600%			
66) 1,2-Dichlorobenzene-d4	12.201	152	88861	5.409	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	68099	4.664	ug/L	98
3) Chloromethane	1.520	50	70844	4.504	ug/L	99
5) Vinyl chloride	1.604	62	78788	4.779	ug/L	100
6) Bromomethane	1.858	94	47826	5.153	ug/L	98
8) Chloroethane	1.935	64	51017	5.360	ug/L	99
9) Trichlorofluoromethane	2.141	101	99601	5.492	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58452	5.337	ug/L	97
12) 1,1-Dichloroethene	2.581	96	52000	4.856	ug/L	96
13) Acetone	2.649	43	90809m	47.225	ug/L	
14) Carbon disulfide	2.797	76	132401	3.787	ug/L	99
15) Methyl Acetate	2.964	43	19872	4.525	ug/L #	89
16) Methylene chloride	3.051	84	69381	4.859	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	138009	4.703	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	56333	4.919	ug/L	92
19) 1,1-Dichloroethane	3.877	63	104284	5.052	ug/L	99
21) 2-Butanone	4.719	43	147934	41.445	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	63662	5.088	ug/L	96
23) Bromochloromethane	4.983	128	28528	5.263	ug/L	93
25) Chloroform	5.095	83	111446	5.243	ug/L	99

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 11 01:02:17 2021
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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	5.803	62	69152	4.979	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	92297	5.263	ug/L	98
30) Cyclohexane	5.394	56	83447	4.072	ug/L	94
31) Carbon tetrachloride	5.533	117	76547	5.219	ug/L	100
33) Benzene	5.780	78	239715	4.878	ug/L	100
34) Trichloroethene	6.549	95	63770	5.189	ug/L	96
35) Methylcyclohexane	6.771	83	94756	4.419	ug/L	96
37) 1,2-Dichloropropane	6.800	63	61608	4.920	ug/L	98
38) Bromodichloromethane	7.111	83	78803	5.197	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	90218	4.950	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	361127	41.099	ug/L	99
42) Toluene	7.976	91	263930	5.135	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	75556	4.874	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	47380	5.098	ug/L	99
47) Tetrachloroethene	8.562	164	47019	5.210	ug/L	97
48) 2-Hexanone	8.693	43	257442	40.521	ug/L	96
49) Dibromochloromethane	8.819	129	53109	5.353	ug/L	98
50) 1,2-Dibromoethane	8.931	107	43179	4.791	ug/L	100
51) Chlorobenzene	9.455	112	166341	5.229	ug/L	96
52) Ethylbenzene	9.578	91	278817	5.092	ug/L	96
53) m,p-Xylene	9.700	106	109813	5.186	ug/L	96
54) o-Xylene	10.108	106	109615	5.317	ug/L	97
55) Styrene	10.121	104	188019	5.331	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	57992	4.748	ug/L	97
59) Bromoform	10.298	173	28381	5.245	ug/L	99
60) Isopropylbenzene	10.491	105	288501	5.287	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	41542	4.541	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	239871	5.247	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	246045	5.247	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	136318	5.455	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	137892	5.414	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	128907	5.358	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	8673	4.383	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	104427	5.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	84252	5.332	ug/L	99
71) Naphthalene	14.095	128	143658	4.628	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	75315	5.258	ug/L	99

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

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