Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
Data File : VU043267.D
Acq On : 22 Apr 2021 09:48
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005143

Quant Time: Apr 22 23:33:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 22 04:40:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	104657	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	105737	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56603	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19483	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.922	69	19131	3.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.40%			
11) 1,1-Dichloroethene-d2	2.575	65	13988	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.668	46	154714	66.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.56%#			
24) Chloroform-d	5.076	84	68559	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.713	65	43967	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.738	84	116221	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.700	67	40303	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.906	98	110187	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloroprop...	8.189	79	17492	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.645	63	93098	51.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.54%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	40361	5.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	44705	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	34874	5.20	ug/L	100
3) Chloromethane	1.523	50	31860	4.83	ug/L	96
5) Vinyl chloride	1.610	62	34429	5.01	ug/L	97
6) Bromomethane	1.864	94	18142	4.42	ug/L	95
8) Chloroethane	1.941	64	19552	3.95	ug/L	97
9) Trichlorofluoromethane	2.147	101	58203	4.54	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	36616	5.29	ug/L	92
12) 1,1-Dichloroethene	2.591	96	30698	5.28	ug/L	83
13) Acetone	2.690	43	116541	67.95	ug/L	88
14) Carbon disulfide	2.803	76	77466	5.22	ug/L	99
15) Methyl Acetate	2.977	43	19792	6.14	ug/L #	89
16) Methylene chloride	3.057	84	39330	5.22	ug/L	79
17) Methyl tert-butyl Ether	3.378	73	97917	5.15	ug/L #	92
18) trans-1,2-Dichloroethene	3.366	96	32857	5.30	ug/L	89
19) 1,1-Dichloroethane	3.883	63	72116	5.34	ug/L	98
21) 2-Butanone	4.742	43	180517	63.77	ug/L	78
22) cis-1,2-Dichloroethene	4.681	96	37951	5.17	ug/L	87
23) Bromochloromethane	4.983	128	18155	5.42	ug/L #	71
25) Chloroform	5.099	83	75545	5.25	ug/L	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005143

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.806	62	60373	5.71	ug/L		97
29) 1,1,1-Trichloroethane	5.327	97	65508	5.02	ug/L		95
30) Cyclohexane	5.398	56	54015	4.83	ug/L		85
31) Carbon tetrachloride	5.536	117	53342	4.90	ug/L		96
33) Benzene	5.787	78	149211	5.27	ug/L		100
34) Trichloroethene	6.552	95	37833	4.86	ug/L		97
35) Methylcyclohexane	6.774	83	51271	4.76	ug/L	#	87
37) 1,2-Dichloropropane	6.800	63	42706	5.37	ug/L	#	97
38) Bromodichloromethane	7.115	83	55705	5.21	ug/L		96
39) cis-1,3-Dichloropropene	7.616	75	58170	5.00	ug/L		100
40) 4-Methyl-2-pentanone	7.803	43	428285	60.14	ug/L	#	83
42) Toluene	7.976	91	160186	5.07	ug/L		97
44) trans-1,3-Dichloropropene	8.221	75	55220	5.04	ug/L		98
45) 1,1,2-Trichloroethane	8.410	97	31862	5.36	ug/L		98
47) Tetrachloroethene	8.562	164	30487	4.94	ug/L		91
48) 2-Hexanone	8.697	43	333865	63.72	ug/L	#	82
49) Dibromochloromethane	8.819	129	39768	5.30	ug/L		99
50) 1,2-Dibromoethane	8.934	107	30956	5.23	ug/L		94
51) Chlorobenzene	9.455	112	100798	5.00	ug/L		94
52) Ethylbenzene	9.578	91	173921	4.81	ug/L		95
53) m,p-Xylene	9.703	106	63179	4.77	ug/L		88
54) o-Xylene	10.108	106	62077	4.74	ug/L		90
55) Styrene	10.121	104	110825	4.93	ug/L		92
57) 1,1,2,2-Tetrachloroethane	10.790	83	44269	5.66	ug/L		100
59) Bromoform	10.301	173	24963	5.40	ug/L		99
60) Isopropylbenzene	10.494	105	170060	4.68	ug/L	#	96
61) 1,2,3-Trichloropropane	10.832	75	32678	5.59	ug/L		99
62) 1,3,5-Trimethylbenzene	11.095	105	134446	4.53	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	137098	4.49	ug/L		97
64) 1,3-Dichlorobenzene	11.754	146	85109	4.94	ug/L		99
65) 1,4-Dichlorobenzene	11.844	146	85400	4.88	ug/L		99
67) 1,2-Dichlorobenzene	12.221	146	82590	4.93	ug/L		95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7800	5.48	ug/L		92
69) 1,3,5-Trichlorobenzene	13.227	180	68741	4.86	ug/L		99
70) 1,2,4-trichlorobenzene	13.847	180	56382	4.81	ug/L		97
71) Naphthalene	14.095	128	103839	5.26	ug/L		98
72) 1,2,3-Trichlorobenzene	14.339	180	55071	5.13	ug/L		97

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

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