Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
Data File : VU043345.D
Acq On : 27 Apr 2021 11:39
Operator : SY/MD
Sample : M2127-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E0AA0MSD

Quant Time: Apr 27 23:48:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 27 23:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132693	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	130953	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71032	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23892	3.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.80%			
7) Chloroethane-d5	1.919	69	22291	3.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.20%			
11) 1,1-Dichloroethene-d2	2.575	65	16039	4.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.20%			
20) 2-Butanone-d5	4.655	46	141810	47.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.84%			
24) Chloroform-d	5.073	84	73927	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
26) 1,2-Dichloroethane-d4	5.713	65	43403	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
32) Benzene-d6	5.735	84	123720	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.20%			
36) 1,2-Dichloropropane-d6	6.697	67	42578	4.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.20%			
41) Toluene-d8	7.906	98	117152	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.00%			
43) trans-1,3-Dichloroprop...	8.186	79	17063	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.642	63	87351	39.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.44%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38231	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.00%			
66) 1,2-Dichlorobenzene-d4	12.198	152	44901	3.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 73.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	45213	5.32	ug/L	97
3) Chloromethane	1.523	50	41120	4.91	ug/L	99
5) Vinyl chloride	1.607	62	40233	4.61	ug/L	100
6) Bromomethane	1.864	94	23393	4.50	ug/L	100
8) Chloroethane	1.941	64	24454	3.89	ug/L	96
9) Trichlorofluoromethane	2.144	101	69488	4.28	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42993	4.90	ug/L	93
12) 1,1-Dichloroethene	2.588	96	36968	5.01	ug/L	86
13) Acetone	2.671	43	127578	58.67	ug/L #	67
14) Carbon disulfide	2.800	76	91545	4.87	ug/L	99
15) Methyl Acetate	2.970	43	27517	6.73	ug/L #	84
16) Methylene chloride	3.054	84	43446	4.55	ug/L #	76
17) Methyl tert-butyl Ether	3.375	73	110792	4.59	ug/L #	90
18) trans-1,2-Dichloroethene	3.366	96	38445	4.89	ug/L	87
19) 1,1-Dichloroethane	3.880	63	87769	5.13	ug/L	97
21) 2-Butanone	4.732	43	197979	55.16	ug/L	82
22) cis-1,2-Dichloroethene	4.678	96	44968	4.83	ug/L	89
23) Bromochloromethane	4.983	128	21185	4.99	ug/L #	71
25) Chloroform	5.099	83	88853	4.87	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67682	5.05	ug/L		95
29) 1,1,1-Trichloroethane	5.327	97	78868	4.88	ug/L		95
30) Cyclohexane	5.398	56	61783	4.46	ug/L		86
31) Carbon tetrachloride	5.533	117	64565	4.79	ug/L		98
33) Benzene	5.784	78	173632	4.96	ug/L		100
34) Trichloroethene	6.549	95	44776	4.64	ug/L		93
35) Methylcyclohexane	6.771	83	58343	4.37	ug/L	#	88
37) 1,2-Dichloropropane	6.800	63	49477	5.02	ug/L		98
38) Bromodichloromethane	7.115	83	66088	4.99	ug/L		98
39) cis-1,3-Dichloropropene	7.616	75	66588	4.62	ug/L		97
40) 4-Methyl-2-pentanone	7.800	43	469817	53.27	ug/L	#	82
42) Toluene	7.977	91	184791	4.72	ug/L		98
44) trans-1,3-Dichloropropene	8.218	75	62724	4.62	ug/L		98
45) 1,1,2-Trichloroethane	8.411	97	37065	5.03	ug/L		97
47) Tetrachloroethene	8.559	164	35505	4.64	ug/L		92
48) 2-Hexanone	8.694	43	361659	55.73	ug/L	#	82
49) Dibromochloromethane	8.816	129	44120	4.75	ug/L		96
50) 1,2-Dibromoethane	8.931	107	35244	4.81	ug/L	#	100
51) Chlorobenzene	9.452	112	116965	4.69	ug/L		94
52) Ethylbenzene	9.578	91	199111	4.45	ug/L		99
53) m,p-Xylene	9.700	106	73299	4.47	ug/L		92
54) o-Xylene	10.108	106	72628	4.47	ug/L		93
55) Styrene	10.121	104	125843	4.52	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.790	83	49947	5.16	ug/L		98
59) Bromoform	10.298	173	27591	4.75	ug/L		97
60) Isopropylbenzene	10.491	105	195594	4.29	ug/L		98
61) 1,2,3-Trichloropropane	10.832	75	36437	4.96	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	156542	4.20	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	161972	4.23	ug/L		97
64) 1,3-Dichlorobenzene	11.751	146	97037	4.48	ug/L		96
65) 1,4-Dichlorobenzene	11.841	146	98648	4.50	ug/L		97
67) 1,2-Dichlorobenzene	12.221	146	96683	4.60	ug/L		97
68) 1,2-Dibromo-3-chloropr...	13.005	75	8484	4.75	ug/L		92
69) 1,3,5-Trichlorobenzene	13.224	180	78178	4.41	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	66807	4.55	ug/L		99
71) Naphthalene	14.095	128	123798	5.00	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	65695	4.88	ug/L		98

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

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