Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043427.D
Acq On : 29 Apr 2021 16:02
Operator : SY/MD
Sample : M2162-03MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4474MSD

Quant Time: Apr 30 07:29:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 07:27:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90854	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	88274	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46431	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21839	4.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.60%			
7) Chloroethane-d5	1.919	69	21502	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.571	65	13322	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.60%			
20) 2-Butanone-d5	4.639	46	109413	54.00	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.00%			
24) Chloroform-d	5.073	84	62370	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.710	65	36667	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.735	84	109865	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.700	67	37653	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.40%			
41) Toluene-d8	7.906	98	97957	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloroprop...	8.185	79	14239	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.642	63	70143	46.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.44%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30423	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	36267	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	32477	5.58	ug/L	96
3) Chloromethane	1.523	50	32311	5.64	ug/L	99
5) Vinyl chloride	1.607	62	31054	5.20	ug/L	99
6) Bromomethane	1.861	94	17317	4.86	ug/L	98
8) Chloroethane	1.938	64	19932	4.63	ug/L	97
9) Trichlorofluoromethane	2.144	101	47334	4.26	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	29888	4.98	ug/L	96
12) 1,1-Dichloroethene	2.587	96	25514	5.05	ug/L	84
13) Acetone	2.649	43	75144	50.47	ug/L #	64
14) Carbon disulfide	2.800	76	63781	4.95	ug/L	99
15) Methyl Acetate	2.960	43	16785	6.00	ug/L #	80
16) Methylene chloride	3.054	84	30844	4.72	ug/L #	78
17) Methyl tert-butyl Ether	3.372	73	72828	4.41	ug/L #	89
18) trans-1,2-Dichloroethene	3.359	96	26566	4.93	ug/L	85
19) 1,1-Dichloroethane	3.880	63	62832	5.36	ug/L	97
21) 2-Butanone	4.719	43	119510	48.63	ug/L	83
22) cis-1,2-Dichloroethene	4.677	96	30818	4.83	ug/L	87
23) Bromochloromethane	4.986	128	14371	4.94	ug/L #	72
25) Chloroform	5.099	83	63253	5.06	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45315	4.94	ug/L	#	94
29) 1,1,1-Trichloroethane	5.327	97	53526	4.91	ug/L	#	91
30) Cyclohexane	5.398	56	44157	4.73	ug/L	#	83
31) Carbon tetrachloride	5.533	117	42986	4.73	ug/L		98
33) Benzene	5.784	78	122916	5.20	ug/L		100
34) Trichloroethene	6.549	95	30645	4.71	ug/L		93
35) Methylcyclohexane	6.771	83	40241	4.47	ug/L	#	85
37) 1,2-Dichloropropane	6.800	63	36101	5.43	ug/L	#	97
38) Bromodichloromethane	7.115	83	45762	5.13	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	46835	4.82	ug/L		97
40) 4-Methyl-2-pentanone	7.799	43	292554	49.21	ug/L	#	82
42) Toluene	7.976	91	130023	4.93	ug/L		96
44) trans-1,3-Dichloropropene	8.217	75	41272	4.51	ug/L		99
45) 1,1,2-Trichloroethane	8.407	97	23441	4.72	ug/L		94
47) Tetrachloroethene	8.562	164	26750	5.19	ug/L		97
48) 2-Hexanone	8.690	43	219265	50.12	ug/L	#	82
49) Dibromochloromethane	8.816	129	29365	4.69	ug/L		98
50) 1,2-Dibromoethane	8.931	107	22617	4.58	ug/L	#	100
51) Chlorobenzene	9.452	112	81051	4.82	ug/L		93
52) Ethylbenzene	9.578	91	135892	4.50	ug/L		97
53) m,p-Xylene	9.700	106	49668	4.50	ug/L		87
54) o-Xylene	10.108	106	48744	4.45	ug/L		91
55) Styrene	10.121	104	84819	4.52	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.790	83	32596	4.99	ug/L		99
59) Bromoform	10.298	173	16593	4.37	ug/L		96
60) Isopropylbenzene	10.491	105	136924	4.60	ug/L	#	96
61) 1,2,3-Trichloropropane	10.832	75	23374	4.87	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	107242	4.40	ug/L		96
63) 1,2,4-Trimethylbenzene	11.475	105	107874	4.31	ug/L		96
64) 1,3-Dichlorobenzene	11.751	146	65677	4.64	ug/L		100
65) 1,4-Dichlorobenzene	11.844	146	64785	4.52	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	62587	4.56	ug/L		95
68) 1,2-Dibromo-3-chloropr...	13.005	75	5368	4.60	ug/L	#	87
69) 1,3,5-Trichlorobenzene	13.227	180	50413	4.35	ug/L		99
70) 1,2,4-trichlorobenzene	13.847	180	40516	4.22	ug/L		97
71) Naphthalene	14.095	128	74005	4.57	ug/L		98
72) 1,2,3-Trichlorobenzene	14.336	180	40408	4.59	ug/L		99

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

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