Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
Data File : VU043237.D
Acq On : 20 Apr 2021 20:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005140

Quant Time: Apr 21 05:04:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81207	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82573	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20270	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.919	69	18825	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.572	65	13045	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.20%			
20) 2-Butanone-d5	4.665	46	111734	61.69	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.38%			
24) Chloroform-d	5.073	84	59111	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
26) 1,2-Dichloroethane-d4	5.713	65	36087	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.735	84	102243	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.700	67	33930	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.906	98	94862	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloroprop...	8.185	79	13542	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.645	63	70863	50.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.92%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32476	5.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.80%			
66) 1,2-Dichlorobenzene-d4	12.201	152	38218	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30314	5.82	ug/L	98
3) Chloromethane	1.523	50	31137	6.08	ug/L	95
5) Vinyl chloride	1.607	62	28693	5.38	ug/L	96
6) Bromomethane	1.864	94	12167	3.82	ug/L	99
8) Chloroethane	1.938	64	17704	4.60	ug/L	97
9) Trichlorofluoromethane	2.144	101	50466	5.08	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29171	5.44	ug/L	91
12) 1,1-Dichloroethene	2.588	96	25290	5.60	ug/L	89
13) Acetone	2.691	43	67199	50.50	ug/L	91
14) Carbon disulfide	2.800	76	64426	5.60	ug/L	99
15) Methyl Acetate	2.977	43	17474	6.98	ug/L #	85
16) Methylene chloride	3.054	84	33492	5.73	ug/L	79
17) Methyl tert-butyl Ether	3.375	73	78496	5.32	ug/L #	92
18) trans-1,2-Dichloroethene	3.363	96	26110	5.43	ug/L	91
19) 1,1-Dichloroethane	3.880	63	58186	5.55	ug/L	99
21) 2-Butanone	4.745	43	131161	59.72	ug/L #	57
22) cis-1,2-Dichloroethene	4.678	96	29772	5.22	ug/L	90
23) Bromochloromethane	4.983	128	15154	5.83	ug/L #	74
25) Chloroform	5.099	83	62764	5.62	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47854	5.84	ug/L	#	94
29) 1,1,1-Trichloroethane	5.327	97	54318	5.33	ug/L	#	94
30) Cyclohexane	5.398	56	43467	4.98	ug/L		87
31) Carbon tetrachloride	5.533	117	45015	5.30	ug/L		100
33) Benzene	5.784	78	119885	5.43	ug/L		100
34) Trichloroethene	6.549	95	31131	5.12	ug/L		96
35) Methylcyclohexane	6.771	83	39959	4.75	ug/L	#	88
37) 1,2-Dichloropropane	6.800	63	33652	5.41	ug/L		97
38) Bromodichloromethane	7.115	83	45564	5.46	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	42440	4.67	ug/L		97
40) 4-Methyl-2-pentanone	7.803	43	322763	58.04	ug/L	#	83
42) Toluene	7.976	91	129655	5.25	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	42014	4.91	ug/L		96
45) 1,1,2-Trichloroethane	8.407	97	25306	5.45	ug/L		93
47) Tetrachloroethene	8.558	164	25054	5.20	ug/L		92
48) 2-Hexanone	8.697	43	245974	60.11	ug/L	#	83
49) Dibromochloromethane	8.816	129	31858	5.44	ug/L		93
50) 1,2-Dibromoethane	8.931	107	23703	5.13	ug/L	#	98
51) Chlorobenzene	9.452	112	82166	5.22	ug/L		93
52) Ethylbenzene	9.578	91	142529	5.05	ug/L		97
53) m,p-Xylene	9.700	106	52805	5.11	ug/L		91
54) o-Xylene	10.108	106	52009	5.08	ug/L		93
55) Styrene	10.121	104	89381	5.10	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.790	83	35060	5.74	ug/L		99
59) Bromoform	10.298	173	19276	5.43	ug/L		99
60) Isopropylbenzene	10.491	105	139616	5.01	ug/L	#	97
61) 1,2,3-Trichloropropane	10.828	75	25882	5.76	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	114088	5.00	ug/L		96
63) 1,2,4-Trimethylbenzene	11.475	105	115309	4.92	ug/L		98
64) 1,3-Dichlorobenzene	11.751	146	69249	5.23	ug/L		100
65) 1,4-Dichlorobenzene	11.841	146	69513	5.18	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	68542	5.33	ug/L		96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6257	5.72	ug/L		91
69) 1,3,5-Trichlorobenzene	13.227	180	56656	5.22	ug/L		98
70) 1,2,4-trichlorobenzene	13.848	180	46709	5.19	ug/L		98
71) Naphthalene	14.095	128	88693	5.85	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	47076	5.71	ug/L		100

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

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