Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042621\
Data File : VU043340.D
Acq On : 26 Apr 2021 21:01
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005148

Quant Time: Apr 26 23:45:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 26 23:40:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112006	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	112511	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28325	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.919	69	26589	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.575	65	18151	5.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.20%			
20) 2-Butanone-d5	4.645	46	151971	60.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.66%			
24) Chloroform-d	5.073	84	80240	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
26) 1,2-Dichloroethane-d4	5.713	65	49198	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.735	84	137040	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
36) 1,2-Dichloropropane-d6	6.700	67	46351	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.906	98	129807	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloroprop...	8.185	79	14511	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.642	63	93810	49.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.06%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41868	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
66) 1,2-Dichlorobenzene-d4	12.198	152	48751	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41339	5.76	ug/L	97
3) Chloromethane	1.523	50	36456	5.16	ug/L	95
5) Vinyl chloride	1.607	62	35967	4.89	ug/L	97
6) Bromomethane	1.864	94	19332	4.40	ug/L	95
8) Chloroethane	1.941	64	23450	4.42	ug/L	99
9) Trichlorofluoromethane	2.144	101	66030	4.82	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37509	5.07	ug/L	94
12) 1,1-Dichloroethene	2.588	96	33517	5.38	ug/L	79
13) Acetone	2.662	43	114050	62.13	ug/L #	64
14) Carbon disulfide	2.803	76	82420	5.19	ug/L	99
15) Methyl Acetate	2.964	43	25725	7.45	ug/L #	82
16) Methylene chloride	3.054	84	51031	6.33	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	102318	5.03	ug/L #	92
18) trans-1,2-Dichloroethene	3.363	96	35173	5.30	ug/L	86
19) 1,1-Dichloroethane	3.880	63	82504	5.71	ug/L	97
21) 2-Butanone	4.726	43	185048	61.08	ug/L	82
22) cis-1,2-Dichloroethene	4.678	96	40494	5.15	ug/L	86
23) Bromochloromethane	4.983	128	20672	5.77	ug/L #	74
25) Chloroform	5.099	83	85525	5.55	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62437	5.52	ug/L	#	94
29) 1,1,1-Trichloroethane	5.327	97	72010	5.18	ug/L	#	92
30) Cyclohexane	5.398	56	56298	4.73	ug/L		86
31) Carbon tetrachloride	5.536	117	60210	5.20	ug/L		100
33) Benzene	5.784	78	158926	5.28	ug/L		100
34) Trichloroethene	6.552	95	40208	4.85	ug/L		95
35) Methylcyclohexane	6.771	83	47799	4.17	ug/L	#	87
37) 1,2-Dichloropropane	6.800	63	46696	5.51	ug/L		98
38) Bromodichloromethane	7.112	83	62434	5.49	ug/L		99
39) cis-1,3-Dichloropropene	7.613	75	49734	4.02	ug/L		100
40) 4-Methyl-2-pentanone	7.800	43	437804	57.78	ug/L	#	82
42) Toluene	7.976	91	172647	5.13	ug/L		95
44) trans-1,3-Dichloropropene	8.218	75	45726	3.92	ug/L		94
45) 1,1,2-Trichloroethane	8.407	97	34924	5.52	ug/L		94
47) Tetrachloroethene	8.562	164	31302	4.76	ug/L		89
48) 2-Hexanone	8.694	43	341242	61.20	ug/L	#	81
49) Dibromochloromethane	8.819	129	42775	5.36	ug/L		91
50) 1,2-Dibromoethane	8.931	107	33328	5.29	ug/L		96
51) Chlorobenzene	9.452	112	107535	5.02	ug/L		94
52) Ethylbenzene	9.578	91	180904	4.70	ug/L		97
53) m,p-Xylene	9.700	106	65042	4.62	ug/L		86
54) o-Xylene	10.108	106	63683	4.57	ug/L		90
55) Styrene	10.121	104	117264	4.91	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.790	83	46631	5.60	ug/L		99
59) Bromoform	10.298	173	25980	5.33	ug/L		99
60) Isopropylbenzene	10.491	105	178520	4.67	ug/L		96
61) 1,2,3-Trichloropropane	10.828	75	34822	5.66	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	138357	4.42	ug/L		98
63) 1,2,4-Trimethylbenzene	11.475	105	140130	4.36	ug/L		97
64) 1,3-Dichlorobenzene	11.751	146	88290	4.86	ug/L		99
65) 1,4-Dichlorobenzene	11.841	146	89313	4.85	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	88056	4.99	ug/L		97
68) 1,2-Dibromo-3-chloropr...	13.005	75	8118	5.42	ug/L		95
69) 1,3,5-Trichlorobenzene	13.227	180	64892	4.36	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	54818	4.45	ug/L		98
71) Naphthalene	14.092	128	107385	5.16	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	57146	5.06	ug/L		98

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

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