Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
Data File : VU043354.D
Acq On : 27 Apr 2021 15:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005150

Quant Time: Apr 27 23:49:59 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	6.257	114	110416	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	110847	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58713	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23699	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.919	69	21240	4.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.40%			
11) 1,1-Dichloroethene-d2	2.572	65	15454	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.665	46	136329	55.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.72%			
24) Chloroform-d	5.076	84	66138	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.713	65	43750	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
32) Benzene-d6	5.736	84	120973	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.700	67	41375	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.903	98	110432	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloroprop...	8.186	79	16809	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.645	63	82797	43.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.84%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37869	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
66) 1,2-Dichlorobenzene-d4	12.198	152	43492	4.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	39708	5.61	ug/L	98
3) Chloromethane	1.524	50	34416	4.94	ug/L	97
5) Vinyl chloride	1.607	62	34493	4.75	ug/L	99
6) Bromomethane	1.864	94	18909	4.37	ug/L	92
8) Chloroethane	1.942	64	20616	3.94	ug/L	100
9) Trichlorofluoromethane	2.144	101	59847	4.43	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37001	5.07	ug/L	94
12) 1,1-Dichloroethene	2.585	96	31639	5.16	ug/L	74
13) Acetone	2.694	43	87186	48.18	ug/L	91
14) Carbon disulfide	2.800	76	75455	4.82	ug/L	99
15) Methyl Acetate	2.970	43	23339	6.86	ug/L #	61
16) Methylene chloride	3.054	84	43191	5.44	ug/L	81
17) Methyl tert-butyl Ether	3.376	73	93109	4.64	ug/L #	90
18) trans-1,2-Dichloroethene	3.360	96	32414	4.95	ug/L	90
19) 1,1-Dichloroethane	3.877	63	74736	5.24	ug/L	98
21) 2-Butanone	4.742	43	167154	55.97	ug/L	77
22) cis-1,2-Dichloroethene	4.678	96	37600	4.85	ug/L	85
23) Bromochloromethane	4.986	128	18590	5.26	ug/L #	80
25) Chloroform	5.099	83	80797	5.32	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	59151	5.31	ug/L	#	94
29) 1,1,1-Trichloroethane	5.327	97	66250	4.84	ug/L		94
30) Cyclohexane	5.398	56	52700	4.49	ug/L	#	84
31) Carbon tetrachloride	5.533	117	53557	4.70	ug/L		98
33) Benzene	5.784	78	146324	4.93	ug/L		100
34) Trichloroethene	6.549	95	37661	4.61	ug/L		96
35) Methylcyclohexane	6.771	83	48614	4.30	ug/L	#	88
37) 1,2-Dichloropropane	6.800	63	42896	5.14	ug/L	#	97
38) Bromodichloromethane	7.115	83	55478	4.95	ug/L		97
39) cis-1,3-Dichloropropene	7.613	75	56727	4.65	ug/L		98
40) 4-Methyl-2-pentanone	7.803	43	400638	53.66	ug/L	#	82
42) Toluene	7.977	91	153802	4.64	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	52145	4.54	ug/L		97
45) 1,1,2-Trichloroethane	8.408	97	31265	5.01	ug/L		92
47) Tetrachloroethene	8.559	164	29685	4.59	ug/L		97
48) 2-Hexanone	8.694	43	305416	55.60	ug/L	#	83
49) Dibromochloromethane	8.816	129	37889	4.82	ug/L		96
50) 1,2-Dibromoethane	8.932	107	30084	4.85	ug/L	#	100
51) Chlorobenzene	9.453	112	99509	4.71	ug/L		94
52) Ethylbenzene	9.578	91	168577	4.45	ug/L		96
53) m,p-Xylene	9.700	106	60726	4.38	ug/L		88
54) o-Xylene	10.108	106	60393	4.40	ug/L		92
55) Styrene	10.121	104	106555	4.53	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.790	83	43215	5.27	ug/L		98
59) Bromoform	10.298	173	24085	5.02	ug/L		98
60) Isopropylbenzene	10.491	105	162332	4.31	ug/L		97
61) 1,2,3-Trichloropropane	10.829	75	31217	5.15	ug/L		99
62) 1,3,5-Trimethylbenzene	11.096	105	129626	4.21	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	131878	4.16	ug/L		96
64) 1,3-Dichlorobenzene	11.751	146	83799	4.69	ug/L		98
65) 1,4-Dichlorobenzene	11.842	146	82830	4.57	ug/L		98
67) 1,2-Dichlorobenzene	12.218	146	80130	4.61	ug/L		98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7302	4.95	ug/L		90
69) 1,3,5-Trichlorobenzene	13.224	180	65183	4.44	ug/L		100
70) 1,2,4-trichlorobenzene	13.848	180	54265	4.47	ug/L		98
71) Naphthalene	14.092	128	96087	4.69	ug/L		99
72) 1,2,3-Trichlorobenzene	14.337	180	54457	4.89	ug/L		99

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

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