Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011621\
Data File : BM028414.D
Acq On : 15 Jan 2021 21:44
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16006

Manual Integrations APPROVED
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Quant Time: Jan 15 22:32:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 21:50:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	116405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62210	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	119782	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	109377	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	112996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.25	99	397598	151.50	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	246996	155.09	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.82	113	318861	146.99	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.05	131	322862	135.55	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.93	143	153771	164.41	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.85	200	146062	184.75	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	149393	123.005	ng/ul	98
6) Phenol	7.28	94	395857	150.603	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.52	93	322975	153.945	ng/ul	99
11) 2-Methylphenol	8.54	108	299877	149.929	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.63	45	540018	154.583	ng/ul	99
14) Acetophenone	8.93	105	472662	147.860	ng/ul	98
16) 4-Methylphenol	8.89	108	317019	145.883	ng/ul	95
30) 4-Chloroaniline	11.08	127	308749	134.346	ng/ul	98
32) Caprolactam	11.90	113	90375m	155.286	ng/ul	
38) Hexachlorocyclopentadiene	12.90	237	224807	194.443	ng/ul	98
49) 3-Nitroaniline	14.65	138	143468	153.957	ng/ul	99
51) 2,4-Dinitrophenol	14.85	184	113706	194.029	ng/ul	98
53) 4-Nitrophenol	14.95	109	115806	162.977	ng/ul	98
61) 4-Nitroaniline	15.81	138	145676	150.707	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.86	198	150366	180.880	ng/ul#	96
68) Atrazine	16.92	200	227584	168.283	ng/ul	99
69) Pentachlorophenol	17.11	266	161227	175.025	ng/ul	98
75) Carbazole	17.86	167	1024092	160.892	ng/ul	99
77) Fluoranthene	19.49	202	1266283	159.842	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.50	252	342184	155.619	ng/ul	98
87) Di-n-octyl phthalate	22.37	149	1511698	170.603	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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