Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028846.D
Acq On : 20 Feb 2021 16:30
Operator : CG/JU
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16001

Manual Integrations APPROVED
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Quant Time: Feb 20 17:04:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 15:43:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	21315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	92054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	58300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	121630	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	112559	20.00	ng/ul	0.01
86) Perylene-d12	23.62	264	85320	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.03	99	269699	148.19	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	144513	126.90	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.59	113	226782	154.30	ng/ul	0.03
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	10.79	131	202900	111.19	ng/ul	0.01
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	14.76	143	128094	147.70	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.65	200	135061	161.36	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	6.97	77	55625	61.706	ng/ul	97
6) Phenol	7.06	94	278217	153.651	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.27	93	207857	140.705	ng/ul	98
11) 2-Methylphenol	8.30	108	216953	157.184	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	314075	125.031	ng/ul	99
14) Acetophenone	8.68	105	358059	164.621	ng/ul	98
16) 4-Methylphenol	8.66	108	239404	162.961	ng/ul	96
30) 4-Chloroaniline	10.82	127	210672	120.228	ng/ul	99
32) Caprolactam	11.69	113	75951m	174.172	ng/ul	
38) Hexachlorocyclopentadiene	12.64	237	151822	131.021	ng/ul	96
49) 3-Nitroaniline	14.43	138	122629	140.405	ng/ul	100
51) 2,4-Dinitrophenol	14.65	184	104292	183.822	ng/ul	94
53) 4-Nitrophenol	14.78	109	102591	154.179	ng/ul	98
61) 4-Nitroaniline	15.62	138	159464m	186.223	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.67	198	134466	152.837	ng/ul#	97
68) Atrazine	16.73	200	222680	155.230	ng/ul	98
69) Pentachlorophenol	16.90	266	137226	141.954	ng/ul	96
75) Carbazole	17.66	167	980227	150.445	ng/ul	100
77) Fluoranthene	19.29	202	1175634	143.864	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.32	252	287139	114.435	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	1426630	199.253	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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