Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026871.D
Acq On : 27 Jul 2020 13:42
Operator : JU/CG
Sample : SSTD16003
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16003

Manual Integrations APPROVED
mohammad
7/28/2020 11:44:12 AM

Quant Time: Jul 27 14:18:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 12:34:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	69736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	270699	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	167208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	362261	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	408941	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	385391	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	968139	151.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	630212	145.90	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.39	113	742502	145.36	ng/ul	0.01
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	10.59	131	906491	192.59	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	14.52	143	401426	208.55	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.44	200	334415	147.75	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	6.82	77	849589	250.492	ng/ul	98
6) Phenol	6.89	94	1027277	146.303	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	797016	149.075	ng/ul	100
11) 2-Methylphenol	8.12	108	740016	147.510	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	686331	66.173	ng/ul	99
14) Acetophenone	8.50	105	1207157	139.488	ng/ul	98
16) 4-Methylphenol	8.46	108	783029	140.420	ng/ul	98
30) 4-Chloroaniline	10.61	127	916623	183.273	ng/ul	95
32) Caprolactam	11.40	113	227230m	178.121	ng/ul	
38) Hexachlorocyclopentadiene	12.49	237	638528	205.872	ng/ul	99
49) 3-Nitroaniline	14.22	138	406950	181.445	ng/ul	95
51) 2,4-Dinitrophenol	14.42	184	213866	152.567	ng/ul	92
53) 4-Nitrophenol	14.54	109	383745	193.694	ng/ul	96
61) 4-Nitroaniline	15.39	138	477185	188.108	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	370514	154.555	ng/ul#	91
68) Atrazine	16.54	200	704329	178.480	ng/ul	99
69) Pentachlorophenol	16.71	266	442675	180.384	ng/ul	99
75) Carbazole	17.46	167	3211882	176.244	ng/ul	100
77) Fluoranthene	19.12	202	4378072	187.621	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.18	252	1506822	182.799	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	4861751	204.728	ng/ul	100

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

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