Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027329.D
Acq On : 04 Sep 2020 14:06
Operator : JU/CG
Sample : SSTD16001
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16001

Manual Integrations APPROVED
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Quant Time: Sep 04 14:45:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 04 12:49:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	255341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1170712	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	919242	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.97	188	2183370	20.00	ng/ul	0.01
78) Chrysene-d12	21.18	240	2250828	20.00	ng/ul	0.02
86) Perylene-d12	23.36	264	1495921	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	6.79	99	3852471	186.07	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.94	67	2381065	177.74	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.32	113	3129123	188.25	ng/ul	0.04
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	10.50	131	4151539	174.61	ng/ul	0.02
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	14.50	143	2198380	178.68	ng/ul	0.08
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.39	200	2839731	199.38	ng/ul	0.05
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	6.73	77	1983242	135.981	ng/ul	96
6) Phenol	6.82	94	4070252	188.019	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.03	93	3120468	179.286	ng/ul	96
11) 2-Methylphenol	8.04	108	3077209	191.160	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	2336634	173.395	ng/ul	97
14) Acetophenone	8.42	105	5112755	191.985	ng/ul	92
16) 4-Methylphenol	8.40	108	3282569	190.172	ng/ul	97
30) 4-Chloroaniline	10.53	127	4239806	177.985	ng/ul	100
32) Caprolactam	11.42	113	1234651m	192.212	ng/ul	
38) Hexachlorocyclopentadiene	12.39	237	4004811	180.145	ng/ul	98
49) 3-Nitroaniline	14.16	138	2168758	163.070	ng/ul	96
51) 2,4-Dinitrophenol	14.37	184	1952396	217.947	ng/ul#	83
53) 4-Nitrophenol	14.52	109	2050151	175.789	ng/ul	92
61) 4-Nitroaniline	15.37	138	2242132m	152.392	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.41	198	3020513	195.374	ng/ul#	89
68) Atrazine	16.49	200	4587344	170.009	ng/ul	98
69) Pentachlorophenol	16.64	266	3697220	201.483	ng/ul	98
75) Carbazole	17.39	167	16203500	154.844	ng/ul#	91
77) Fluoranthene	19.04	202	18256519m	122.285	ng/ul	
82) 3,3'-Dichlorobenzidine	21.11	252	7436840	141.827	ng/ul#	99
87) Di-n-octyl phthalate	21.97	149	15740841m	135.066	ng/ul	

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

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