Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
Data File : BM027516.D
Acq On : 24 Sep 2020 18:31
Operator : JU/CG
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16002

Manual Integrations APPROVED
mohammad
9/28/2020 2:20:13 PM

Quant Time: Sep 24 20:07:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 20:07:00 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	176202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.610	136	680168	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.451	164	477869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.198	188	1184189	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.386	240	1429120	20.00	ng/ul	# 0.00
86) Perylene-d12	23.662	264	1354080	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
5) Phenol-d5	7.004	99	1943822	169.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.163	67	1035577	153.36	ng/ul	0.00
9) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.545	113	1613389	167.52	ng/ul	0.00
19) Nitrobenzene-d5	0.000	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.751	131	2004189	150.88	ng/ul	0.00
44) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.692	143	917539	177.11	ng/ul	0.00
58) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylph...	15.598	200	1315294	205.14	ng/ul	0.00
71) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.963	77	966081	124.02	ng/ul	87
6) Phenol	7.034	94	1971684	166.77	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.263	93	1493312	158.26	ng/ul	90
11) 2-Methylphenol	8.263	108	1569714	168.30	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.357	45	1055485	143.89	ng/ul	98
14) Acetophenone	8.663	105	2493978	159.48	ng/ul	91
16) 4-Methylphenol	8.628	108	1631879	164.54	ng/ul	95
30) 4-Chloroaniline	10.781	127	1999697	153.00	ng/ul	99
32) Caprolactam	11.639	113	443247m	163.72	ng/ul	
38) Hexachlorocyclopentadiene	12.627	237	2608324	179.71	ng/ul	98
49) 3-Nitroaniline	14.380	138	911664	160.49	ng/ul	83
51) 2,4-Dinitrophenol	14.580	184	889839	216.12	ng/ul#	74
53) 4-Nitrophenol	14.710	109	1008980	176.03	ng/ul#	79
61) 4-Nitroaniline	15.574	138	971884	161.43	ng/ul#	81
64) 4,6-Dinitro-2-methylph...	15.610	198	1393200	198.45	ng/ul#	82
68) Atrazine	16.692	200	2397803	166.80	ng/ul	95
69) Pentachlorophenol	16.851	266	1829548	188.31	ng/ul	98
75) Carbazole	17.609	167	8550617	165.60	ng/ul	98
77) Fluoranthene	19.256	202	13685818	167.63	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.303	252	4260662	139.20	ng/ul#	98
87) Di-n-octyl phthalate	22.209	149	11208161	189.16	ng/ul	100

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

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