Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050170.D
Acq On : 7 Sep 2021 14:30
Operator : CG/JU
Sample : SSTD16034
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160434

Manual Integrations APPROVED
mohammad
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Quant Time: Sep 07 18:14:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 17:42:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	42843	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	184563	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.617	164	93861	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.372	188	196947	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.648	240	246712	20.000	ng/ul	# 0.01
88) Perylene-d12	24.867	264	250764	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.731	84	512340	148.796	ng/ul	0.00
7) Phenol-d5	7.133	99	479215	127.697	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	253242	124.582	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.695	113	361779	119.636	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.922	131	483539	128.516	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.869	143	160119	176.340	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.768	200	228637	180.432	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.749	79	503473	143.511	ng/ul#	89
6) Benzaldehyde	7.086	77	215168	107.128	ng/ul	94
8) Phenol	7.162	94	458634	126.778	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.373	93	324483	121.307	ng/ul	98
13) 2-Methylphenol	8.413	108	388916	136.765	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.478	45	319975	120.229	ng/ul	96
16) Acetophenone	8.795	105	558495	127.899	ng/ul	94
18) 4-Methylphenol	8.760	108	368299	126.103	ng/ul	83
32) 4-Chloroaniline	10.945	127	460151	130.619	ng/ul	90
34) Caprolactam	11.767	113	147666m	171.312	ng/ul	
40) Hexachlorocyclopentadiene	12.778	237	188534	194.067	ng/ul#	92
51) 3-Nitroaniline	14.546	138	226462	164.523	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	137991m	216.907	ng/ul	
55) 4-Nitrophenol	14.887	109	175953	175.900	ng/ul	93
63) 4-Nitroaniline	15.727	138	222109m	172.797	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.786	198	204711	183.979	ng/ul	96
70) Atrazine	16.837	200	311448	132.057	ng/ul	98
71) Pentachlorophenol	17.037	266	162061	201.950	ng/ul	97
77) Carbazole	17.783	167	1394570	146.259	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.542	252	733694	129.711	ng/ul#	98
89) Di-n-octyl phthalate	22.723	149	2337327	150.688	ng/ul	100

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

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