Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049728.D
Acq On : 8 Aug 2021 7:55
Operator : CG/JU
Sample : M3208-03
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E3

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:47 PM

Quant Time: Aug 09 04:24:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	35978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	150396	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	100122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	196769	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	168947	20.000	ng/ul	0.00
88) Perylene-d12	25.007	264	176094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	2296m	2.984	ng/uL	0.00
4) Pyridine-d5	3.860	84	29648m	12.839	ng/ul	0.01
7) Phenol-d5	7.202	99	58753	17.994	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	37912	20.214	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	47192	20.193	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	28530	11.460	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	26283	22.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	31180	23.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	50041	19.615	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	41621	11.917	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	165529	21.067	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	205688	22.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.903	143	17756	13.977	ng/ul	0.02
60) Fluorene-d10	15.685	176	143542	21.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	18032	13.616	ng/ul	0.00
73) Anthracene-d10	17.547	188	207883	22.381	ng/ul	0.00
81) Pyrene-d10	19.832	212	218066	23.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	207296	21.484	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.184	77	1778	1.022	ng/ul#	62
30) Naphthalene	10.921	128	8727	1.111	ng/ul#	87
36) 2-Methylnaphthalene	12.524	142	6228	1.036	ng/ul#	78
72) Phenanthrene	17.494	178	33545	3.221	ng/ul#	91
80) Fluoranthene	19.497	202	64462	5.611	ng/ul	98
82) Pyrene	19.861	202	51656	4.508	ng/ul	98
85) Benzo(a)anthracene	21.706	228	34205	3.084	ng/ul	93
87) Chrysene	21.777	228	41043	3.962	ng/ul	96
90) Benzo(b)fluoranthene	23.962	252	56938	4.947	ng/ul	99
91) Benzo(k)fluoranthene	24.026	252	22292m	1.951	ng/ul	
93) Benzo(a)pyrene	24.861	252	38050	3.755	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.773	276	32808m	2.467	ng/ul	
96) Benzo(g,h,i)perylene	29.918	276	13530m	1.224	ng/ul	

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

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