Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049240.D
Acq On : 9 Jul 2021 16:38
Operator : CG/JU
Sample : M2878-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGDZ8

Manual Integrations APPROVED
mohammad
7/12/2021 12:33:13 PM

Quant Time: Jul 09 17:15:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	27256	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.896	136	111378	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.721	164	83849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.471	188	198910	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.754	240	214219	20.000	ng/ul	0.00
88) Perylene-d12	25.050	264	220376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1395	2.408	ng/uL	0.00
4) Pyridine-d5	3.904	84	9481	5.565	ng/ul	0.02
7) Phenol-d5	7.224	99	31453	13.266	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	20161	14.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.606	132	24716	14.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	26947	14.186	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	13028	15.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.968	143	15041	15.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.514	165	27256	14.237	ng/ul	0.00
31) 4-Chloroaniline-d4	11.025	131	33424	13.398	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	102630	15.915	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	116299	15.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	15924	14.919	ng/ul	0.00
60) Fluorene-d10	15.714	176	86386	15.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	17153	13.567	ng/ul	0.00
73) Anthracene-d10	17.571	188	145251	16.039	ng/ul	0.00
81) Pyrene-d10	19.856	212	161374	14.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.821	264	132305	11.549	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.512	178	17357	1.789	ng/ul	98
80) Fluoranthene	19.521	202	68876	5.394	ng/ul	99
82) Pyrene	19.880	202	46044	3.619	ng/ul#	96
85) Benzo(a)anthracene	21.736	228	41234	3.132	ng/ul	98
87) Chrysene	21.801	228	32582	2.616	ng/ul	95
90) Benzo(b)fluoranthene	24.004	252	39851m	2.931	ng/ul	
91) Benzo(k)fluoranthene	24.063	252	14326	1.081	ng/ul#	89
93) Benzo(a)pyrene	24.891	252	19427	1.624	ng/ul	96

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

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