Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049704.D
Acq On : 7 Aug 2021 14:02
Operator : CG/JU
Sample : M3208-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E1

Manual Integrations APPROVED
mohammad
8/9/2021 12:10:50 PM

Quant Time: Aug 07 16:45:52 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	26736	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	111420	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	74063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	154273	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	143416	20.000	ng/ul	# 0.00
88) Perylene-d12	25.007	264	150306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	1824m	3.190	ng/uL	0.01
4) Pyridine-d5	3.859	84	12180m	7.098	ng/ul	0.01
7) Phenol-d5	7.202	99	48051	19.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	29151	20.915	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	35645	20.525	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	29958	16.193	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	20414	23.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	23231	23.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	39335	20.812	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	36303	14.031	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	132820	22.852	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	160041	23.145	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	17031m	18.124	ng/ul	0.01
60) Fluorene-d10	15.685	176	113608	22.740	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	18220	17.547	ng/ul	0.00
73) Anthracene-d10	17.541	188	171152	23.503	ng/ul	0.00
81) Pyrene-d10	19.832	212	191193	24.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	178025	21.616	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.488	178	25510	3.124	ng/ul	96
80) Fluoranthene	19.497	202	54613	5.600	ng/ul#	97
82) Pyrene	19.861	202	46264	4.756	ng/ul#	97
85) Benzo(a)anthracene	21.706	228	30959	3.288	ng/ul#	90
87) Chrysene	21.776	228	30124	3.425	ng/ul	93
90) Benzo(b)fluoranthene	23.968	252	42942m	4.371	ng/ul	
91) Benzo(k)fluoranthene	24.020	252	11235m	1.152	ng/ul	
93) Benzo(a)pyrene	24.843	252	25633	2.964	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.761	276	19588m	1.726	ng/ul	

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

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