Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050083.D
Acq On : 1 Sep 2021 4:06
Operator : CG/JU
Sample : M3486-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B19

Manual Integrations APPROVED
mohammad
9/1/2021 4:50:37 PM

Quant Time: Sep 01 04:49:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	35978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	140488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	95342	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	198646	20.000	ng/ul	0.00
79) Chrysene-d12	21.647	240	178812	20.000	ng/ul	0.00
88) Perylene-d12	24.878	264	183631	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1838	2.634	ng/uL	0.00
4) Pyridine-d5	3.760	84	14925m	7.102	ng/ul	0.02
7) Phenol-d5	7.132	99	36373	11.906	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.278	67	23982	14.129	ng/ul	0.00
11) 2-Chlorophenol-d4	7.490	132	30804	13.475	ng/ul	0.00
15) 4-Methylphenol-d8	8.682	113	23355	9.707	ng/ul	0.00
21) Nitrobenzene-d5	9.129	128	16967	15.578	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	19414	14.969	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.415	165	31101	13.445	ng/ul	0.01
31) 4-Chloroaniline-d4	10.921	131	38691	12.289	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	107772	14.770	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	134228	15.689	ng/ul	0.00
54) 4-Nitrophenol-d4	14.862	143	10836	10.264	ng/ul	0.02
60) Fluorene-d10	15.614	176	92027	14.875	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.761	200	8670	6.784	ng/ul	0.00
73) Anthracene-d10	17.476	188	142222	15.944	ng/ul	0.00
81) Pyrene-d10	19.767	212	169608	17.553	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	152882	15.693	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.833	128	11195	1.594	ng/ul	98
36) 2-Methylnaphthalene	12.442	142	8207	1.572	ng/ul	86
37) 1-Methylnaphthalene	12.665	142	6427	1.220	ng/ul#	95
80) Fluoranthene	19.433	202	17875	1.499	ng/ul#	92
82) Pyrene	19.797	202	18792	1.590	ng/ul#	95
85) Benzo(a)anthracene	21.630	228	12069	1.083	ng/ul#	84
87) Chrysene	21.694	228	14771	1.402	ng/ul#	86
90) Benzo(b)fluoranthene	23.856	252	30646	2.609	ng/ul#	94
93) Benzo(a)pyrene	24.725	252	15857	1.554	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.573	276	15556m	1.156	ng/ul	
96) Benzo(g,h,i)perylene	29.742	276	13270m	1.173	ng/ul	

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

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