Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049726.D
Acq On : 8 Aug 2021 6:33
Operator : CG/JU
Sample : M3208-04
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E4

Manual Integrations APPROVED
mohammad
8/9/2021 12:11:41 PM

Quant Time: Aug 09 04:04:45 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	8.043	152	34371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	141614	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	93181	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	180767	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.730	240	155857	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	164923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2017m	2.744	ng/uL	0.00
4) Pyridine-d5	3.861	84	20427	9.260	ng/ul	0.01
7) Phenol-d5	7.197	99	45185	14.485	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	28324	15.808	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	36282	16.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	26001	10.932	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	19183	17.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	23463	18.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	39532	16.457	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	26709	8.122	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	125659	17.184	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	155424	17.865	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	14559	12.314	ng/ul	0.01
60) Fluorene-d10	15.686	176	109994	17.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	15492	12.733	ng/ul	0.00
73) Anthracene-d10	17.542	188	153863m	18.032	ng/ul	0.00
81) Pyrene-d10	19.833	212	161947	18.859	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	152455	16.871	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.916	128	7916	1.070	ng/ul#	91
50) Acenaphthylene	14.423	152	9386	1.143	ng/ul#	89
72) Phenanthrene	17.489	178	100322	10.486	ng/ul	98
74) Anthracene	17.583	178	11890	1.242	ng/ul	95
77) Carbazole	17.847	167	10448	1.222	ng/ul#	93
80) Fluoranthene	19.498	202	220379	20.794	ng/ul	98
82) Pyrene	19.862	202	185501	17.549	ng/ul	99
85) Benzo(a)anthracene	21.707	228	96308	9.412	ng/ul	96
87) Chrysene	21.777	228	101805	10.652	ng/ul	97
90) Benzo(b)fluoranthene	23.969	252	138553	12.853	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	51501m	4.812	ng/ul	
93) Benzo(a)pyrene	24.856	252	89436	9.425	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.768	276	69827	5.607	ng/ul	98
95) Dibenzo(a,h)anthracene	28.797	278	17456m	1.680	ng/ul	
96) Benzo(g,h,i)perylene	29.937	276	23330m	2.253	ng/ul	

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

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