Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062265.D
Acq On : 6 Aug 2024 10:34
Operator : MA/JU
Sample : P3361-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 06 12:23:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E20N9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

08/06/2024
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08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	83810	20.000	ng/ul	0.00
20) Naphthalene-d8	10.760	136	363706	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.585	164	250440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	513707	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	402611	20.000	ng/ul	# 0.00
88) Perylene-d12	24.706	264	471684	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	6389	3.287	ng/uL	0.00
4) Pyridine-d5	3.840	84	4980	0.814	ng/ul	0.01
7) Phenol-d5	7.118	99	136590	17.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	96692	19.636	ng/ul	0.00
11) 2-Chlorophenol-d4	7.494	132	103908	18.130	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	66276	9.947	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	55058	24.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.838	143	50269	23.828	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	105401	17.201	ng/ul	0.00
31) 4-Chloroaniline-d4	10.884	131	108430	12.201	ng/ul	0.00
46) Dimethylphthalate-d6	13.991	166	425814	22.037	ng/ul	0.00
49) Acenaphthylene-d8	14.273	160	477479	21.795	ng/ul	0.00
54) 4-Nitrophenol-d4	14.749	143	9943	3.676	ng/ul	-0.01
60) Fluorene-d10	15.572	176	386223	22.269	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	4436	2.916	ng/ul	0.00
73) Anthracene-d10	17.422	188	553845	22.353	ng/ul	0.00
81) Pyrene-d10	19.707	212	460345	19.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.489	264	270642	10.733	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.781	105	29296	2.761	ng/ul	99
72) Phenanthrene	17.363	178	260604	9.013	ng/ul	98
74) Anthracene	17.451	178	42589m	1.435	ng/ul	
80) Fluoranthene	19.372	202	620580	22.935	ng/ul	100
82) Pyrene	19.737	202	324190	11.251	ng/ul	98
85) Benzo(a)anthracene	21.558	228	189016	6.411	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.499	149	75914	4.946	ng/ul#	79
87) Chrysene	21.622	228	170159	6.113	ng/ul#	92
90) Benzo(b)fluoranthene	23.719	252	174966	6.098	ng/ul#	40
91) Benzo(k)fluoranthene	23.772	252	80084m	2.744	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.225	276	47710	1.356	ng/ul#	68

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

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