Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061431.D
Acq On : 3 Jun 2024 20:15
Operator : MA/JU
Sample : P2589-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 03 23:05:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH5W7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	33830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	122245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	108840	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	262567	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	276666	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	320353	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	952	1.575	ng/uL	0.00
4) Pyridine-d5	3.746	84	16878	7.848	ng/ul	0.00
7) Phenol-d5	7.066	99	27788	10.002	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	16462	9.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	20630	10.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	27077	11.430	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	12021	12.772	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	15383	13.965	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	27702	12.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	30946	11.015	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	115246	13.652	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	117998	13.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	16333m	15.650	ng/ul	0.02
60) Fluorene-d10	15.503	176	110591	15.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	20423m	12.860	ng/ul	0.01
73) Anthracene-d10	17.360	188	227384	19.643	ng/ul	0.00
81) Pyrene-d10	19.651	212	320171	22.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	357153	23.190	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	73119	5.738	ng/ul	98
80) Fluoranthene	19.316	202	205703	12.071	ng/ul	100
82) Pyrene	19.681	202	188169	10.638	ng/ul	99
85) Benzo(a)anthracene	21.496	228	121334	6.356	ng/ul	98
87) Chrysene	21.561	228	123914	7.049	ng/ul	98
90) Benzo(b)fluoranthene	23.629	252	158998	8.336	ng/ul	96
91) Benzo(k)fluoranthene	23.682	252	55823	2.883	ng/ul	96
93) Benzo(a)pyrene	24.463	252	115681	6.387	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.106	276	80459m	3.673	ng/ul	
95) Dibenzo(a,h)anthracene	28.141	278	21886m	1.212	ng/ul	
96) Benzo(g,h,i)perylene	29.193	276	77453m	4.445	ng/ul	

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

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