Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
Data File : BG061920.D
Acq On : 6 Jul 2024 8:00
Operator : MA/JU
Sample : P2982-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 08 01:54:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BB8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	46530	20.000	ng/ul	0.00
20) Naphthalene-d8	10.908	136	243304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	179487	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.459	188	407374	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	350126	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	432507	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	3082	2.489	ng/uL	0.00
4) Pyridine-d5	3.898	84	42642	11.200	ng/ul	0.00
7) Phenol-d5	7.247	99	97080	19.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	56927	17.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.623	132	67864	19.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	78110	19.482	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	38770	20.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.985	143	45769	21.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.520	165	85765	21.042	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.037	131	97932	16.550	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	297830	20.183	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	327668	21.236	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	40538	17.203	ng/ul	0.00
60) Fluorene-d10	15.708	176	255344	20.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.814	200	37192	17.384	ng/ul	-0.01
73) Anthracene-d10	17.559	188	396198	20.831	ng/ul	0.00
81) Pyrene-d10	19.832	212	433224	21.036	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	464624	21.661	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.500	178	67350	3.135	ng/ul	98
80) Fluoranthene	19.503	202	109084	4.476	ng/ul#	93
82) Pyrene	19.862	202	100227	3.981	ng/ul#	94
85) Benzo(a)anthracene	21.695	228	51267	2.022	ng/ul	95
87) Chrysene	21.760	228	45789	1.929	ng/ul	93
90) Benzo(b)fluoranthene	23.928	252	70783m	2.598	ng/ul	
93) Benzo(a)pyrene	24.803	252	48722	1.888	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.646	276	37374m	1.133	ng/ul	
96) Benzo(g,h,i)perylene	29.803	276	40304m	1.536	ng/ul	

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

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