Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062070.D
Acq On : 15 Jul 2024 15:56
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 02:47:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4BX0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152	47068	20.000	ng/ul		0.00
20) Naphthalene-d8	10.850	136	218905	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.669	164	167930	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.413	188	385593	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.673	240	349080	20.000	ng/ul		0.00
88) Perylene-d12	24.887	264	436498	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.435	96	1696	1.354	ng/uL		0.00
4) Pyridine-d5	3.858	84	25721	6.679	ng/ul		0.00
7) Phenol-d5	7.201	99	52584	10.209	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.360	67	29369	9.004	ng/ul		0.00
11) 2-Chlorophenol-d4	7.566	132	38578	10.918	ng/ul		0.00
15) 4-Methylphenol-d8	8.747	113	40358	9.951	ng/ul		0.00
21) Nitrobenzene-d5	9.205	128	19730	11.851	ng/ul		0.00
24) 2-Nitrophenol-d4	9.928	143	22223	11.689	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.468	165	50401	13.744	ng/ul		0.00
31) 4-Chloroaniline-d4	10.979	131	30398	5.710	ng/ul		0.00
46) Dimethylphthalate-d6	14.070	166	167637	12.142	ng/ul		0.00
49) Acenaphthylene-d8	14.364	160	188441	13.053	ng/ul		0.00
54) 4-Nitrophenol-d4	14.881	143	16878	7.655	ng/ul		0.00
60) Fluorene-d10	15.662	176	157630	13.562	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	21892	10.810	ng/ul		0.00
73) Anthracene-d10	17.513	188	252477	14.024	ng/ul		0.00
81) Pyrene-d10	19.798	212	291522	14.198	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.657	264	313901	14.500	ng/ul		0.00
Target Compounds							Qvalue
72) Phenanthrene	17.460	178	103149	5.073	ng/ul		96
80) Fluoranthene	19.464	202	254953	10.492	ng/ul	#	92
82) Pyrene	19.822	202	220716	8.793	ng/ul	#	94
83) Butylbenzylphthalate	20.697	149	13481	1.280	ng/ul	#	88
85) Benzo(a)anthracene	21.655	228	118484	4.688	ng/ul		97
86) Bis(2-ethylhexyl)phtha...	21.549	149	32629	2.159	ng/ul	#	98
87) Chrysene	21.720	228	135132	5.711	ng/ul		98
90) Benzo(b)fluoranthene	23.858	252	184437	6.707	ng/ul		97
91) Benzo(k)fluoranthene	23.917	252	74015m	2.699	ng/ul		
93) Benzo(a)pyrene	24.728	252	129200	4.961	ng/ul		97
94) Indeno(1,2,3-cd)pyrene	28.524	276	99896m	3.002	ng/ul		
96) Benzo(g,h,i)perylene	29.681	276	102559m	3.874	ng/ul		

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

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