Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061663.D
Acq On : 23 Jun 2024 00:39
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 23 01:51:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4B94

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	79917	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	389525	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	268574	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	583633	20.000	ng/ul	0.00
79) Chrysene-d12	21.709	240	492472	20.000	ng/ul	0.00
88) Perylene-d12	24.941	264	602661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	7441	3.363	ng/uL	0.00
4) Pyridine-d5	3.895	84	10885	1.627	ng/ul	0.00
7) Phenol-d5	7.220	99	162854	18.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	99437	18.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.602	132	117042	19.659	ng/ul	0.00
15) 4-Methylphenol-d8	8.771	113	129040	19.240	ng/ul	0.00
21) Nitrobenzene-d5	9.241	128	56616	21.406	ng/ul	0.00
24) 2-Nitrophenol-d4	9.964	143	65915	24.607	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	127797	20.148	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	136839	14.249	ng/ul	0.00
46) Dimethylphthalate-d6	14.106	166	406245	19.656	ng/ul	0.00
49) Acenaphthylene-d8	14.400	160	479576	21.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	61214	17.246	ng/ul	0.00
60) Fluorene-d10	15.693	176	372072	20.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	38756	15.529	ng/ul	0.00
73) Anthracene-d10	17.544	188	568044	21.322	ng/ul	0.00
81) Pyrene-d10	19.823	212	512688	18.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.712	264	335318	11.650	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.485	178	275604	8.976	ng/ul	96
74) Anthracene	17.573	178	56690	1.805	ng/ul	98
80) Fluoranthene	19.494	202	443312m	13.889	ng/ul	
82) Pyrene	19.853	202	296541	8.738	ng/ul	97
85) Benzo(a)anthracene	21.686	228	205146	5.934	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.609	149	56433	3.107	ng/ul#	86
87) Chrysene	21.756	228	188272	5.756	ng/ul	98
90) Benzo(b)fluoranthene	23.913	252	242153	6.684	ng/ul	99
91) Benzo(k)fluoranthene	23.971	252	93693	2.515	ng/ul#	97
93) Benzo(a)pyrene	24.788	252	75291	2.159	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.613	276	70081m	1.612	ng/ul	

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

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