Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061681.D
Acq On : 24 Jun 2024 18:55
Operator : MA/JU
Sample : P2776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 24 23:49:31 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 :
A4CY6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	54359	20.000	ng/ul	0.00
20) Naphthalene-d8	10.888	136	282234	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	209310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	512086	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	429300	20.000	ng/ul	0.00
88) Perylene-d12	24.942	264	509072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.467	96	6674	4.435	ng/uL	0.00
4) Pyridine-d5	3.902	84	11424m	2.511	ng/ul	0.01
7) Phenol-d5	7.215	99	150339	25.476	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	88737	24.122	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	101712	25.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	110775	24.282	ng/ul	0.00
21) Nitrobenzene-d5	9.237	128	50946	26.585	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	60657	31.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	114175	24.843	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	95813	13.770	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	409893	25.448	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	457726	25.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	68286	24.685	ng/ul	0.00
60) Fluorene-d10	15.694	176	385834	27.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	52628	24.034	ng/ul	0.00
73) Anthracene-d10	17.544	188	604903	25.878	ng/ul	0.00
81) Pyrene-d10	19.824	212	619104	25.818	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.718	264	455278	18.725	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.486	178	74971	2.783	ng/ul	95
80) Fluoranthene	19.489	202	149239	5.364	ng/ul	98
82) Pyrene	19.854	202	163012	5.510	ng/ul	99
85) Benzo(a)anthracene	21.693	228	63513	2.108	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.610	149	21325	1.347	ng/ul#	87
87) Chrysene	21.757	228	80661m	2.829	ng/ul	
90) Benzo(b)fluoranthene	23.913	252	101847	3.328	ng/ul	97
91) Benzo(k)fluoranthene	23.960	252	38529m	1.224	ng/ul	
93) Benzo(a)pyrene	24.783	252	89035	3.022	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.614	276	51011m	1.389	ng/ul	

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

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