Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061518.D
Acq On : 6 Jun 2024 20:27
Operator : MA/JU
Sample : P2739-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 23:01:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E0002

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	29749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	105411	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	72744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	166096	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	186382	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	208747	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2724m	5.124	ng/uL	0.00
4) Pyridine-d5	3.763	84	6851	3.623	ng/ul	0.00
7) Phenol-d5	7.071	99	61870	25.325	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	38724	25.219	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	52252	28.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	46089	22.125	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	25837	31.835	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	30161	31.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	57734	31.178	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	58181	24.016	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	179626	31.838	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	194006	33.076	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	18601m	26.667	ng/ul	0.00
60) Fluorene-d10	15.502	176	155276	31.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	21662	21.563	ng/ul	0.00
73) Anthracene-d10	17.359	188	247797	33.840	ng/ul	0.00
81) Pyrene-d10	19.656	212	275991	28.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	240616	23.976	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	13243	1.643	ng/ul	96
80) Fluoranthene	19.321	202	57413	5.001	ng/ul#	98
82) Pyrene	19.686	202	45647	3.831	ng/ul	98
85) Benzo(a)anthracene	21.495	228	37990	2.954	ng/ul	98
87) Chrysene	21.560	228	39110	3.303	ng/ul	94
90) Benzo(b)fluoranthene	23.634	252	60253	4.848	ng/ul	99
91) Benzo(k)fluoranthene	23.687	252	24326m	1.928	ng/ul	
93) Benzo(a)pyrene	24.462	252	23030	1.951	ng/ul#	84
94) Indeno(1,2,3-cd)pyrene	28.117	276	25522m	1.788	ng/ul	

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

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