Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061843.D
Acq On : 2 Jul 2024 12:23
Operator : MA/JU
Sample : P2963-11
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jul 03 01:35:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CR5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	67861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	315671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.688	164	193102	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.432	188	401720	20.000	ng/ul	0.00
79) Chrysene-d12	21.692	240	304094	20.000	ng/ul	0.00
88) Perylene-d12	24.912	264	360657	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	8134	4.330	ng/uL	0.00
4) Pyridine-d5	3.895	84	6126m	1.079	ng/ul	0.03
7) Phenol-d5	7.215	99	219572	29.805	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.379	67	136202	29.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	164398	32.519	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	159630	28.029	ng/ul	0.00
21) Nitrobenzene-d5	9.224	128	82826	38.643	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	92833	42.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	167212	32.530	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	17149	2.204	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	521456	35.091	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	589961	36.227	ng/ul	0.00
54) 4-Nitrophenol-d4	14.882	143	61586	24.132	ng/ul	0.02
60) Fluorene-d10	15.675	176	450193	34.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	32563	18.956	ng/ul	0.00
73) Anthracene-d10	17.532	188	664188	36.221	ng/ul	0.00
81) Pyrene-d10	19.812	212	603826	35.548	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.694	264	440388	25.566	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.883	105	13261	1.414	ng/ul	97
72) Phenanthrene	17.473	178	164731	7.794	ng/ul	99
74) Anthracene	17.567	178	34115	1.579	ng/ul	95
80) Fluoranthene	19.477	202	331483	16.819	ng/ul	99
82) Pyrene	19.841	202	263265	12.563	ng/ul#	95
85) Benzo(a)anthracene	21.674	228	171437	8.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	12857	1.146	ng/ul#	81
87) Chrysene	21.739	228	183979	9.109	ng/ul	98
90) Benzo(b)fluoranthene	23.889	252	237878	10.972	ng/ul	96
91) Benzo(k)fluoranthene	23.954	252	87709m	3.934	ng/ul	
93) Benzo(a)pyrene	24.759	252	95043	4.554	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.590	276	101419m	3.899	ng/ul	
95) Dibenzo(a,h)anthracene	28.642	278	37192m	1.720	ng/ul	

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

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