Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061510.D
Acq On : 6 Jun 2024 14:57
Operator : MA/JU
Sample : P2635-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 06 15:37:39 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 :
BHBZ0

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	7.877	152	34454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	123098	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	85816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	198121	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	215374	20.000	ng/ul	0.00
88) Perylene-d12	24.610	264	243782	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2107	3.422	ng/uL	0.00
4) Pyridine-d5	3.781	84	6254	2.855	ng/ul	0.01
7) Phenol-d5	7.072	99	46185	16.323	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	32076	18.037	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	42030	20.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	34783	14.417	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	21521	22.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	25024	22.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	47154	21.806	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	41512	14.673	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	151192	22.716	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	162379	23.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	13468	16.367	ng/ul	0.00
60) Fluorene-d10	15.503	176	132055	22.981	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	16987	14.176	ng/ul	0.00
73) Anthracene-d10	17.360	188	205526	23.530	ng/ul	0.00
81) Pyrene-d10	19.657	212	230499	20.844	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	203527	17.366	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.699	105	4566	1.109	ng/ul#	81
72) Phenanthrene	17.301	178	40503	4.212	ng/ul	99
80) Fluoranthene	19.322	202	136542	10.293	ng/ul	99
82) Pyrene	19.680	202	107084	7.776	ng/ul	100
85) Benzo(a)anthracene	21.496	228	73461	4.943	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	8352	1.193	ng/ul	98
87) Chrysene	21.561	228	80071	5.852	ng/ul	98
90) Benzo(b)fluoranthene	23.635	252	109301	7.530	ng/ul	98
91) Benzo(k)fluoranthene	23.682	252	41592m	2.823	ng/ul	
93) Benzo(a)pyrene	24.463	252	47435	3.442	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.123	276	44617m	2.677	ng/ul	
95) Dibenzo(a,h)anthracene	28.147	278	14772m	1.075	ng/ul	

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

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