Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061406.D
Acq On : 1 Jun 2024 00:21
Operator : MA/JU
Sample : P2588-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 01 01:34:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH5S5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	29174	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	112834	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	87015	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	214470	20.000	ng/ul	0.00
79) Chrysene-d12	21.507	240	221304	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	254016	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1465	2.810	ng/uL	0.00
4) Pyridine-d5	3.740	84	21638	11.667	ng/ul	0.00
7) Phenol-d5	7.060	99	33122	13.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	19839	13.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	26726	15.073	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	25056	12.265	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	13232	15.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	15172	14.922	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	33171	16.735	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	33527	12.929	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	114592	16.980	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	123362	17.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	13351	16.002	ng/ul	0.00
60) Fluorene-d10	15.503	176	106695	18.312	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18238	14.060	ng/ul	0.00
73) Anthracene-d10	17.353	188	199496	21.099	ng/ul	0.00
81) Pyrene-d10	19.651	212	242809	21.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	261358	21.402	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	49946	4.798	ng/ul	97
80) Fluoranthene	19.316	202	112116	8.225	ng/ul	98
82) Pyrene	19.680	202	103542	7.318	ng/ul	97
85) Benzo(a)anthracene	21.490	228	58172	3.810	ng/ul	99
87) Chrysene	21.554	228	58146	4.135	ng/ul	96
90) Benzo(b)fluoranthene	23.617	252	74971	4.957	ng/ul#	94
91) Benzo(k)fluoranthene	23.675	252	27173m	1.770	ng/ul	
93) Benzo(a)pyrene	24.445	252	53930	3.755	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	28.088	276	39416m	2.270	ng/ul	
96) Benzo(g,h,i)perylene	29.175	276	38789m	2.808	ng/ul	

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

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