Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057981.D
Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 05 00:29:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DCGM0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	51444	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	233638	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	152088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	322503	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	256692	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	317617	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4407	3.000	ng/uL	0.00
4) Pyridine-d5	3.793	84	3265	0.732	ng/ul	0.00
7) Phenol-d5	7.107	99	103175	19.638	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	63227	19.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	79274	21.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	68242	17.215	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	40139	21.079	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	44122	22.046	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	79745	20.771	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	50665	8.704	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	252177	21.015	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	294611	22.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	29608	13.965	ng/ul	0.00
60) Fluorene-d10	15.561	176	220629	21.649	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	25172	14.374	ng/ul	0.00
73) Anthracene-d10	17.412	188	325295	21.737	ng/ul	0.00
81) Pyrene-d10	19.704	212	370119	22.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264	373510	23.082	ng/ul	0.01
Target Compounds						Qvalue
30) Naphthalene	10.796	128	35159	2.678	ng/ul#	92
36) 2-Methylnaphthalene	12.400	142	13193	1.491	ng/ul	98
37) 1-Methylnaphthalene	12.618	142	12507	1.409	ng/ul	97
52) Acenaphthene	14.639	153	10496	1.082	ng/ul	96
61) Fluorene	15.620	166	17246	1.524	ng/ul	99
72) Phenanthrene	17.359	178	347112	21.159	ng/ul	99
74) Anthracene	17.447	178	46569	2.805	ng/ul	96
80) Fluoranthene	19.369	202	601976	32.135	ng/ul	99
82) Pyrene	19.733	202	584095	30.976	ng/ul	99
85) Benzo(a)anthracene	21.554	228	323633	17.559	ng/ul	97
87) Chrysene	21.619	228	340656	19.717	ng/ul	95
90) Benzo(b)fluoranthene	23.734	252	484637	24.643	ng/ul	98
91) Benzo(k)fluoranthene	23.793	252	158937m	8.245	ng/ul	
93) Benzo(a)pyrene	24.598	252	325201	18.683	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.352	276	224362	9.707	ng/ul	98
95) Dibenzo(a,h)anthracene	28.399	278	53369	2.800	ng/ul#	89
96) Benzo(g,h,i)perylene	29.486	276	206438m	10.934	ng/ul	

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

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