Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 10 00:12:13 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 :
BHBT6

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	26952	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	98246	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	72183	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.266	188	165310	20.000	ng/ul	0.00
79) Chrysene-d12	21.526	240	176979	20.000	ng/ul	0.00
88) Perylene-d12	24.640	264	199618	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1998	4.149	ng/uL	-0.02
4) Pyridine-d5	3.746	84	17607	10.276	ng/ul	-0.02
7) Phenol-d5	7.066	99	58705	26.524	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	33908	24.374	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.413	132	48531	29.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	45786	24.260	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	24916	32.939	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	27589	31.164	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	56748	32.881	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	16417	7.271	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	169995	30.365	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	184500	31.700	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	15905m	22.980	ng/ul	0.02
60) Fluorene-d10	15.509	176	152078	31.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	16033	16.036	ng/ul	0.01
73) Anthracene-d10	17.366	188	238425	32.715	ng/ul	0.00
81) Pyrene-d10	19.663	212	255181	28.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.422	264	211496	22.038	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.715	128	7256	1.399	ng/ul#	94
36) 2-Methylnaphthalene	12.330	142	4150	1.104	ng/ul	93
37) 1-Methylnaphthalene	12.554	142	4040	1.047	ng/ul#	95
52) Acenaphthene	14.575	153	5345	1.262	ng/ul#	79
56) Dibenzofuran	14.910	168	6646	1.098	ng/ul	90
61) Fluorene	15.568	166	7489	1.430	ng/ul	90
72) Phenanthrene	17.307	178	179679	22.394	ng/ul	98
74) Anthracene	17.395	178	27557	3.322	ng/ul	100
77) Carbazole	17.677	167	14957	2.217	ng/ul	98
78) Di-n-butylphthalate	18.224	149	10680	1.263	ng/ul#	94
80) Fluoranthene	19.328	202	425151	39.001	ng/ul#	97
82) Pyrene	19.692	202	327100	28.907	ng/ul	97
83) Butylbenzylphthalate	20.574	149	12276	3.158	ng/ul	97
85) Benzo(a)anthracene	21.508	228	232944	19.076	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.408	149	91832	15.960	ng/ul#	97
87) Chrysene	21.573	228	252151	22.425	ng/ul	97
90) Benzo(b)fluoranthene	23.652	252	330751	27.829	ng/ul	98
91) Benzo(k)fluoranthene	23.711	252	128780m	10.673	ng/ul	
93) Benzo(a)pyrene	24.487	252	123736	10.964	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.171	276	87805m	6.434	ng/ul	
95) Dibenzo(a,h)anthracene	28.206	278	28464m	2.529	ng/ul	

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