Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 05 23:02:59 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 :
BHBR5

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	30676	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	118908	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	87026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	199064	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	226622	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	261560	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1778	3.244	ng/uL	0.00
4) Pyridine-d5	3.745	84	28089	14.404	ng/ul	0.00
7) Phenol-d5	7.071	99	44432	17.638	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.206	67	27250	17.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	37333	20.025	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	38387	17.871	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	19535	21.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	23182	21.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44378	21.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	48926	17.903	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	140610	20.832	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	155137	22.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	12172	14.587	ng/ul	0.02
60) Fluorene-d10	15.508	176	124077	21.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	13492	11.206	ng/ul	0.02
73) Anthracene-d10	17.364	188	191073	21.772	ng/ul	0.00
81) Pyrene-d10	19.656	212	244883	21.045	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	279104	22.196	ng/ul	0.02
Target Compounds						Qvalue
30) Naphthalene	10.719	128	41074	6.544	ng/ul	99
36) 2-Methylnaphthalene	12.329	142	12445	2.734	ng/ul	99
37) 1-Methylnaphthalene	12.546	142	9132	1.955	ng/ul	96
52) Acenaphthene	14.573	153	29993	5.876	ng/ul	96
56) Dibenzofuran	14.908	168	49540	6.788	ng/ul	99
61) Fluorene	15.561	166	46207	7.317	ng/ul	99
72) Phenanthrene	17.306	178	671191	69.469	ng/ul	99
74) Anthracene	17.394	178	152494	15.265	ng/ul	99
77) Carbazole	17.670	167	81655	10.049	ng/ul	97
80) Fluoranthene	19.327	202	906540	64.943	ng/ul	99
82) Pyrene	19.685	202	690450	47.652	ng/ul	98
85) Benzo(a)anthracene	21.501	228	448360	28.673	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	8155	1.107	ng/ul#	98
87) Chrysene	21.565	228	370372	25.723	ng/ul	97
90) Benzo(b)fluoranthene	23.645	252	457488	29.377	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	189652m	11.996	ng/ul	
93) Benzo(a)pyrene	24.468	252	319958	21.637	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.122	276	190689m	10.663	ng/ul	
95) Dibenzo(a,h)anthracene	28.152	278	48501m	3.289	ng/ul	
96) Benzo(g,h,i)perylene	29.215	276	155110m	10.903	ng/ul	

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

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