Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061839.D
Acq On : 2 Jul 2024 9:41
Operator : MA/JU
Sample : P2963-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jul 02 12:04:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CQ6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.060	152	69741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	314544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	199161	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	434063	20.000	ng/ul	0.00
79) Chrysene-d12	21.697	240	322367	20.000	ng/ul	0.00
88) Perylene-d12	24.916	264	394610	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	7151	3.704	ng/uL	0.00
4) Pyridine-d5	3.882	84	12593	2.157	ng/ul	0.01
7) Phenol-d5	7.214	99	197180	26.044	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.378	67	115757	24.527	ng/ul	0.00
11) 2-Chlorophenol-d4	7.590	132	139418	26.835	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	140543	24.013	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	70505	33.012	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	79225	36.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	148208	28.936	ng/ul	0.00
31) 4-Chloroaniline-d4	11.009	131	32369	4.174	ng/ul	0.01
46) Dimethylphthalate-d6	14.088	166	465780	30.391	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	522688	31.119	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	71891	27.313	ng/ul	0.02
60) Fluorene-d10	15.674	176	405372	30.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	36561	19.698	ng/ul	0.00
73) Anthracene-d10	17.531	188	607016	30.637	ng/ul	0.00
81) Pyrene-d10	19.811	212	550701	30.583	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	379097	20.114	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.921	128	26975	1.533	ng/ul	94
50) Acenaphthylene	14.411	152	28479m	1.519	ng/ul	
52) Acenaphthene	14.752	153	18706	1.441	ng/ul#	75
61) Fluorene	15.733	166	22140	1.472	ng/ul	91
72) Phenanthrene	17.472	178	472071	20.672	ng/ul	98
74) Anthracene	17.560	178	95697m	4.098	ng/ul	
77) Carbazole	17.831	167	36318	1.832	ng/ul#	96
78) Di-n-butylphthalate	18.383	149	28716	1.211	ng/ul#	96
80) Fluoranthene	19.482	202	786456	37.642	ng/ul	97
82) Pyrene	19.840	202	614630	27.667	ng/ul#	94
85) Benzo(a)anthracene	21.673	228	414482	18.317	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.579	149	32246	2.712	ng/ul#	97
87) Chrysene	21.738	228	430105	20.087	ng/ul	97
90) Benzo(b)fluoranthene	23.900	252	568022	23.946	ng/ul	99
91) Benzo(k)fluoranthene	23.959	252	216922m	8.892	ng/ul	
93) Benzo(a)pyrene	24.764	252	218924	9.586	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.589	276	227636	7.999	ng/ul	95
95) Dibenzo(a,h)anthracene	28.653	278	83847m	3.543	ng/ul	

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

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