Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061842.D
Acq On : 2 Jul 2024 11:42
Operator : MA/JU
Sample : P2963-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jul 02 12:18:03 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 :
A4CR3

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	8.059	152	68426	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	314950	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	199874	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	422934	20.000	ng/ul	0.00
79) Chrysene-d12	21.691	240	313964	20.000	ng/ul	0.00
88) Perylene-d12	24.916	264	380020	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.465	96	7137	3.768	ng/uL	0.01
4) Pyridine-d5	3.882	84	85947	15.007	ng/ul	0.01
7) Phenol-d5	7.213	99	196788	26.492	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.384	67	142825	30.843	ng/ul	0.00
11) 2-Chlorophenol-d4	7.589	132	158788	31.150	ng/ul	0.00
15) 4-Methylphenol-d8	8.765	113	166894	29.063	ng/ul	0.01
21) Nitrobenzene-d5	9.223	128	85741	40.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	102920	47.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	180205	35.138	ng/ul	0.01
31) 4-Chloroaniline-d4	11.003	131	88550	11.404	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	592046	38.492	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	674502	40.015	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	59749	22.619	ng/ul	0.02
60) Fluorene-d10	15.680	176	521185	38.706	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	42873	23.706	ng/ul	0.00
73) Anthracene-d10	17.531	188	768261	39.795	ng/ul	0.00
81) Pyrene-d10	19.816	212	779112	44.426	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	768803	42.358	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.472	178	116372	5.230	ng/ul	96
74) Anthracene	17.566	178	25379	1.115	ng/ul#	92
80) Fluoranthene	19.476	202	210884	10.364	ng/ul#	95
82) Pyrene	19.840	202	200726	9.277	ng/ul	96
85) Benzo(a)anthracene	21.673	228	98388	4.464	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.579	149	74006	6.391	ng/ul	94
87) Chrysene	21.738	228	108909	5.223	ng/ul	97
90) Benzo(b)fluoranthene	23.888	252	153263m	6.709	ng/ul	
91) Benzo(k)fluoranthene	23.953	252	39680	1.689	ng/ul#	90
93) Benzo(a)pyrene	24.758	252	105743	4.808	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.577	276	78882m	2.878	ng/ul	
96) Benzo(g,h,i)perylene	29.734	276	77327m	3.500	ng/ul	

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

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