Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061821.D
Acq On : 1 Jul 2024 20:53
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 01 22:51:41 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 :
A4B53

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	8.055	152	57485	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	278042	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.683	164	186967	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.426	188	433020	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	336711	20.000	ng/ul	0.00
88) Perylene-d12	24.900	264	385939	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	7763	4.878	ng/uL	0.00
4) Pyridine-d5	3.872	84	20596	4.281	ng/ul	0.00
7) Phenol-d5	7.203	99	156049	25.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67	99709	25.631	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	113834	26.582	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	93605	19.403	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	59079	31.294	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	66245	34.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	124591	27.518	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	76737	11.195	ng/ul	0.00
46) Dimethylphthalate-d6	14.083	166	402264	27.959	ng/ul	-0.01
49) Acenaphthylene-d8	14.377	160	446191	28.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	64912	26.270	ng/ul	0.00
60) Fluorene-d10	15.670	176	360882	28.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	38956	21.039	ng/ul	0.00
73) Anthracene-d10	17.526	188	564908	28.580	ng/ul	0.00
81) Pyrene-d10	19.806	212	562816	29.924	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.677	264	392161	21.275	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.883	105	8327	1.048	ng/ul#	87
72) Phenanthrene	17.467	178	129371	5.679	ng/ul	99
74) Anthracene	17.561	178	25201m	1.082	ng/ul	
80) Fluoranthene	19.477	202	196343m	8.997	ng/ul	
82) Pyrene	19.835	202	141520	6.099	ng/ul	96
85) Benzo(a)anthracene	21.668	228	94086	3.981	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.574	149	45150	3.636	ng/ul#	99
87) Chrysene	21.733	228	87394	3.908	ng/ul	95
90) Benzo(b)fluoranthene	23.884	252	116919	5.040	ng/ul#	91
91) Benzo(k)fluoranthene	23.948	252	37696	1.580	ng/ul#	92
93) Benzo(a)pyrene	24.747	252	43275	1.938	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.560	276	41554m	1.493	ng/ul	

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

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