Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
Data File : BG059017.D
Acq On : 12 Sep 2023 19:20
Operator : MA/JU
Sample : 04175-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 13 00:22:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EZYW5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.315	152	74651	20.000	ng/ul	0.00
20) Naphthalene-d8	11.153	136	370645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.937	164	295832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.686	188	842319	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.005	240	768228	20.000	ng/ul	0.00
88) Perylene-d12	25.565	264	862098	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.626	96	1848m	1.052	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.422	99	42860	5.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.633	67	24939	5.650	ng/ul	0.00
11) 2-Chlorophenol-d4	7.827	132	27187	5.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.991	113	20486	3.522	ng/ul	0.00
21) Nitrobenzene-d5	9.502	128	14884	5.536	ng/ul	0.00
24) 2-Nitrophenol-d4	10.225	143	15341	5.200	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.747	165	29410	4.691	ng/ul	0.00
31) 4-Chloroaniline-d4	11.288	131	31054	3.683	ng/ul	0.00
46) Dimethylphthalate-d6	14.331	166	142013	6.189	ng/ul	0.00
49) Acenaphthylene-d8	14.637	160	147529	5.773	ng/ul	0.00
54) 4-Nitrophenol-d4	15.095	143	12126	3.181	ng/ul	-0.01
60) Fluorene-d10	15.924	176	135167	6.637	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.024	200	12777	3.090	ng/ul	0.00
73) Anthracene-d10	17.780	188	229262m	6.131	ng/ul	0.00
81) Pyrene-d10	20.054	212	283234	6.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.307	264	266404	6.304	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	9.149	105	16344	1.695	ng/ul#	89
72) Phenanthrene	17.727	178	56317	1.317	ng/ul	94
80) Fluoranthene	19.719	202	122097	2.584	ng/ul#	89
82) Pyrene	20.089	202	104826	2.134	ng/ul	99
85) Benzo(a)anthracene	21.981	228	72464m	1.407	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.829	149	34170	1.470	ng/ul#	98
87) Chrysene	22.058	228	73468	1.534	ng/ul	94
90) Benzo(b)fluoranthene	24.408	252	103033	2.006	ng/ul#	89
93) Benzo(a)pyrene	25.389	252	76823	1.603	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.672	276	65263m	1.078	ng/ul	
96) Benzo(g,h,i)perylene	30.953	276	63706m	1.329	ng/ul	

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

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