Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 06 01:45:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EW976DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	17278	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	78728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	62398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	142704	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	118193	20.000	ng/ul	0.00
88) Perylene-d12	25.560	264	130344	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.520	99	661	0.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	450	0.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	569	0.528	ng/ul	0.00
15) 4-Methylphenol-d8	9.089	113	541	0.436	ng/ul	0.01
21) Nitrobenzene-d5	9.547	128	269	0.429	ng/ul	0.00
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	10.839	165	745	0.528	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	14.370	166	3429	0.694	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	3867	0.696	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.973	176	3142	0.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.824	188	5198	0.798	ng/ul	0.00
81) Pyrene-d10	20.091	212	5564	0.793	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.314	264	5352	0.806	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	15.051	153	7934	1.972	ng/ul	97
56) Dibenzofuran	15.380	168	6458	1.112	ng/ul	93
61) Fluorene	16.026	166	9668	1.968	ng/ul	97
72) Phenanthrene	17.771	178	171963	23.140	ng/ul	99
74) Anthracene	17.859	178	40514	5.427	ng/ul	97
77) Carbazole	18.123	167	13656	2.189	ng/ul	96
80) Fluoranthene	19.762	202	338254	40.589	ng/ul	97
82) Pyrene	20.121	202	282410	33.475	ng/ul#	98
85) Benzo(a)anthracene	22.018	228	141851	16.969	ng/ul	97
87) Chrysene	22.095	228	137818	17.475	ng/ul	98
90) Benzo(b)fluoranthene	24.438	252	184587	20.450	ng/ul	98
91) Benzo(k)fluoranthene	24.497	252	60900	6.935	ng/ul	100
93) Benzo(a)pyrene	25.396	252	119054m	15.278	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.620	276	83507	8.573	ng/ul	94
95) Dibenzo(a,h)anthracene	29.655	278	23755m	2.941	ng/ul	
96) Benzo(g,h,i)perylene	30.906	276	72492	9.195	ng/ul	100

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

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