Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057261.D
Acq On : 1 May 2023 22:35
Operator : CG/JU
Sample : 02418-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW8Z3

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 00:11:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 12:45:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	15798	20.000	ng/ul	0.00
20) Naphthalene-d8	11.222	136	65205	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	46624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	102723	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	85166	20.000	ng/ul	# 0.00
88) Perylene-d12	25.573	264	89452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.662	96	539	1.501	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	19205	12.854	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	11835	13.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13949	14.168	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	8005	7.050	ng/ul	0.00
21) Nitrobenzene-d5	9.560	128	8218	15.826	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	9280	15.313	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.834	165	16561	14.165	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	11182	7.216	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	57417	15.542	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	65020	15.659	ng/ul	0.00
54) 4-Nitrophenol-d4	15.187	143	4948	9.201	ng/ul	0.00
60) Fluorene-d10	15.980	176	51272	14.898	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	2465	4.050	ng/ul	0.00
73) Anthracene-d10	17.831	188	68919	14.699	ng/ul	0.00
81) Pyrene-d10	20.098	212	85837	16.980	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.327	264	72407	15.888	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.213	105	4027	2.061	ng/ul	87
72) Phenanthrene	17.778	178	15301m	2.860	ng/ul	
80) Fluoranthene	19.763	202	28069	4.674	ng/ul	97
82) Pyrene	20.128	202	23944	3.939	ng/ul	98
85) Benzo(a)anthracene	22.031	228	12938	2.148	ng/ul	95
87) Chrysene	22.096	228	13608m	2.395	ng/ul	
90) Benzo(b)fluoranthene	24.434	252	17284m	2.790	ng/ul	
91) Benzo(k)fluoranthene	24.510	252	6746m	1.119	ng/ul	
93) Benzo(a)pyrene	25.397	252	11713m	2.190	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.638	276	8280m	1.239	ng/ul	

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

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