Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057266.D
Acq On : 2 May 2023 2:03
Operator : CG/JU
Sample : 02374-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB9D5

Manual Integrations APPROVED

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

Quant Time: May 02 03:52:13 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	8.380	152	15551	20.000	ng/ul	0.00
20) Naphthalene-d8	11.217	136	66454	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.994	164	47329	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.732	188	105239	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	87627	20.000	ng/ul	# 0.00
88) Perylene-d12	25.574	264	94275	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.663	96	579	1.638	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.516	99	19522	13.274	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.687	67	11447	13.233	ng/ul	0.00
11) 2-Chlorophenol-d4	7.910	132	14128	14.578	ng/ul	0.00
15) 4-Methylphenol-d8	9.085	113	14414	12.895	ng/ul	0.00
21) Nitrobenzene-d5	9.560	128	7133	13.479	ng/ul	0.00
24) 2-Nitrophenol-d4	10.289	143	8847	14.324	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	18129	15.214	ng/ul	0.00
31) 4-Chloroaniline-d4	11.352	131	6895	4.366	ng/ul	0.00
46) Dimethylphthalate-d6	14.378	166	60467	16.124	ng/ul	0.00
49) Acenaphthylene-d8	14.695	160	68023	16.138	ng/ul	0.00
54) 4-Nitrophenol-d4	15.182	143	6276	11.497	ng/ul	0.00
60) Fluorene-d10	15.981	176	55403	15.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.099	200	4500	7.217	ng/ul	0.00
73) Anthracene-d10	17.832	188	86824	18.075	ng/ul	0.00
81) Pyrene-d10	20.099	212	102127	19.635	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.327	264	90461	18.834	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.208	105	4583	2.383	ng/ul	88
72) Phenanthrene	17.779	178	50084	9.139	ng/ul	99
74) Anthracene	17.867	178	9911	1.800	ng/ul	99
80) Fluoranthene	19.764	202	111667	18.073	ng/ul#	96
82) Pyrene	20.129	202	99621	15.927	ng/ul	98
85) Benzo(a)anthracene	22.026	228	56012	9.038	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.873	149	12602	4.326	ng/ul	97
87) Chrysene	22.096	228	58672	10.034	ng/ul	94
90) Benzo(b)fluoranthene	24.440	252	83751	12.829	ng/ul	94
91) Benzo(k)fluoranthene	24.517	252	26614m	4.190	ng/ul	
93) Benzo(a)pyrene	25.410	252	53311	9.459	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.633	276	33616m	4.771	ng/ul	
95) Dibenzo(a,h)anthracene	29.686	278	10813m	1.851	ng/ul	
96) Benzo(g,h,i)perylene	30.920	276	28046m	4.919	ng/ul	

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

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