Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
Data File : BG057253.D
Acq On : 1 May 2023 16:06
Operator : CG/JU
Sample : 02418-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW901

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

Quant Time: May 01 23:28:15 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	13536	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	58493	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	43264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	96585	20.000	ng/ul	0.00
79) Chrysene-d12	22.048	240	82589	20.000	ng/ul	# 0.00
88) Perylene-d12	25.561	264	89365	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	574	1.866	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.515	99	18786	14.675	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.686	67	11933	15.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13673	16.208	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	7941	8.162	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	8011	17.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	9423	17.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	17198	16.397	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	8232	5.922	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	63480	18.518	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	73145	18.984	ng/ul	0.00
54) 4-Nitrophenol-d4	15.181	143	5208	10.437	ng/ul	0.00
60) Fluorene-d10	15.974	176	57664	18.056	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.092	200	6196	10.827	ng/ul	0.00
73) Anthracene-d10	17.831	188	85029	19.287	ng/ul	0.00
81) Pyrene-d10	20.098	212	99816	20.361	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	92650	20.350	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.207	105	8701	5.197	ng/ul	95
30) Naphthalene	11.269	128	7626	2.375	ng/ul#	96
36) 2-Methylnaphthalene	12.849	142	3038	1.290	ng/ul	96
37) 1-Methylnaphthalene	13.067	142	2825	1.193	ng/ul#	93
52) Acenaphthene	15.052	153	9414	3.375	ng/ul	96
56) Dibenzofuran	15.387	168	12209	3.031	ng/ul	96
61) Fluorene	16.033	166	18937	5.559	ng/ul	93
72) Phenanthrene	17.778	178	282170	56.101	ng/ul	100
74) Anthracene	17.866	178	52007	10.294	ng/ul	98
77) Carbazole	18.130	167	26938	6.380	ng/ul	97
80) Fluoranthene	19.769	202	407619m	69.998	ng/ul	
82) Pyrene	20.128	202	313322	53.149	ng/ul#	97
85) Benzo(a)anthracene	22.025	228	179104	30.663	ng/ul	99
87) Chrysene	22.095	228	162822	29.546	ng/ul	96
90) Benzo(b)fluoranthene	24.439	252	201553	32.569	ng/ul	96
91) Benzo(k)fluoranthene	24.504	252	68558m	11.387	ng/ul	
93) Benzo(a)pyrene	25.403	252	132957m	24.886	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.621	276	87405	13.088	ng/ul	99
95) Dibenzo(a,h)anthracene	29.673	278	26722m	4.825	ng/ul	
96) Benzo(g,h,i)perylene	30.895	276	65960m	12.204	ng/ul	

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

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