Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
Data File : BG057289.D
Acq On : 3 May 2023 16:35
Operator : CG/JU
Sample : 02419-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW919

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 04 03:04:24 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	8.379	152	13395	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	57685	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.993	164	46319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.737	188	107181	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.060	240	90047	20.000	ng/ul	# 0.00
88) Perylene-d12	25.585	264	96259	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	508	1.669	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	18281	14.431	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	9844	13.212	ng/ul	0.00
11) 2-Chlorophenol-d4	7.909	132	13364	16.009	ng/ul	0.00
15) 4-Methylphenol-d8	9.084	113	14257	14.808	ng/ul	0.00
21) Nitrobenzene-d5	9.554	128	6842	14.894	ng/ul	0.00
24) 2-Nitrophenol-d4	10.288	143	7330	13.672	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.840	165	15979	15.449	ng/ul	0.00
31) 4-Chloroaniline-d4	11.340	131	8197	5.979	ng/ul	0.00
46) Dimethylphthalate-d6	14.377	166	58349	15.898	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	68116	16.513	ng/ul	0.00
54) 4-Nitrophenol-d4	15.193	143	2711m	5.075	ng/ul	0.02
60) Fluorene-d10	15.980	176	54989	16.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.104	200	965	1.520	ng/ul	0.00
73) Anthracene-d10	17.837	188	86842	17.751	ng/ul	0.00
81) Pyrene-d10	20.104	212	93242	17.445	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.344	264	86287	17.595	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	9.213	105	2588m	1.562	ng/ul	
30) Naphthalene	11.269	128	4333	1.368	ng/ul#	96
36) 2-Methylnaphthalene	12.843	142	4697	2.022	ng/ul	99
37) 1-Methylnaphthalene	13.067	142	3833	1.641	ng/ul#	97
52) Acenaphthene	15.058	153	11912	3.988	ng/ul	96
56) Dibenzofuran	15.387	168	11032	2.558	ng/ul	99
61) Fluorene	16.033	166	14252	3.908	ng/ul	94
72) Phenanthrene	17.778	178	279135	50.011	ng/ul	98
74) Anthracene	17.872	178	63773	11.375	ng/ul	98
77) Carbazole	18.136	167	27721	5.916	ng/ul	98
80) Fluoranthene	19.769	202	532821	83.920	ng/ul#	96
82) Pyrene	20.134	202	458077	71.269	ng/ul#	97
85) Benzo(a)anthracene	22.037	228	248483	39.017	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.872	149	3695	1.234	ng/ul#	92
87) Chrysene	22.107	228	226521	37.700	ng/ul	96
90) Benzo(b)fluoranthene	24.463	252	327644	49.153	ng/ul	95
91) Benzo(k)fluoranthene	24.528	252	113089m	17.438	ng/ul	
93) Benzo(a)pyrene	25.432	252	240684m	41.823	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.685	276	156785	21.795	ng/ul	98
95) Dibenzo(a,h)anthracene	29.709	278	47384m	7.944	ng/ul	
96) Benzo(g,h,i)perylene	30.966	276	138582	23.803	ng/ul	96

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