Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063835.D
Acq On : 26 Dec 2024 15:08
Operator : RC/JU
Sample : P5333-11DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 27 02:18:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E2913DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	73820	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	317429	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	262792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	663269	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	692813	20.000	ng/ul	0.00
88) Perylene-d12	24.457	264	729566	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.989	99	22503	3.310	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	15218m	3.241	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	14684	3.336	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	16413	3.109	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	7126	3.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.680	143	9534m	3.753	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	17843	3.627	ng/ul	0.02
31) 4-Chloroaniline-d4	10.732	131	12526m	2.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	30028	1.679	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	74161	3.638	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.438	176	57137	3.614	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.289	188	110199	3.864	ng/ul	0.00
81) Pyrene-d10	19.592	212	110101	3.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.251	264	78219	2.283	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.637	128	39094	2.463	ng/ul	99
36) 2-Methylnaphthalene	12.259	142	17580	1.541	ng/ul	90
37) 1-Methylnaphthalene	12.477	142	13354	1.149	ng/ul#	81
52) Acenaphthene	14.504	153	88270	5.698	ng/ul	95
56) Dibenzofuran	14.844	168	99913	4.575	ng/ul	96
61) Fluorene	15.491	166	75970	4.356	ng/ul	99
72) Phenanthrene	17.236	178	1532105	47.934	ng/ul	99
74) Anthracene	17.324	178	270231	8.353	ng/ul	98
77) Carbazole	17.600	167	157379	6.010	ng/ul	96
80) Fluoranthene	19.257	202	1693957	41.339	ng/ul	97
82) Pyrene	19.621	202	1337494	30.679	ng/ul	95
85) Benzo(a)anthracene	21.425	228	670037	15.432	ng/ul	97
87) Chrysene	21.484	228	636368m	15.378	ng/ul	
90) Benzo(b)fluoranthene	23.511	252	744469	17.954	ng/ul	98
91) Benzo(k)fluoranthene	23.564	252	237764m	5.748	ng/ul	
93) Benzo(a)pyrene	24.310	252	452840	11.635	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.858	276	299859	6.309	ng/ul	97
95) Dibenzo(a,h)anthracene	27.870	278	86453m	2.273	ng/ul	
96) Benzo(g,h,i)perylene	28.910	276	272004m	7.212	ng/ul	

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

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