Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061541.D
Acq On : 7 Jun 2024 20:20
Operator : MA/JU
Sample : P2640-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 07 22:17:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C15

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	23458	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	93485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	72472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	165066m	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	176947	20.000	ng/ul	0.00
88) Perylene-d12	24.626	264	208705	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	2328	5.554	ng/uL	-0.03
4) Pyridine-d5	3.733	84	17347	11.633	ng/ul	-0.04
7) Phenol-d5	7.059	99	66012	34.267	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.200	67	37628	31.077	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.411	132	54698	38.366	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	53286	32.440	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	28425	39.492	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	32363	38.419	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	67962	41.384	ng/ul	0.00
31) 4-Chloroaniline-d4	10.801	131	40557	18.877	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	210416	37.435	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	229850	39.334	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	21186	30.487	ng/ul	0.00
60) Fluorene-d10	15.508	176	182664	37.641	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.654	200	29068m	29.116	ng/ul	0.00
73) Anthracene-d10	17.364	188	296872	40.795	ng/ul	0.00
81) Pyrene-d10	19.662	212	322891	35.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.415	264	275209	27.429	ng/ul	0.02
Target Compounds						Qvalue
52) Acenaphthene	14.579	153	10234	2.408	ng/ul	94
56) Dibenzofuran	14.908	168	8171	1.344	ng/ul	99
61) Fluorene	15.566	166	11879	2.259	ng/ul	94
72) Phenanthrene	17.305	178	246680m	30.790	ng/ul	
74) Anthracene	17.399	178	42797	5.166	ng/ul	95
77) Carbazole	17.670	167	19710	2.925	ng/ul	97
80) Fluoranthene	19.327	202	464894	42.654	ng/ul	99
82) Pyrene	19.691	202	340732	30.118	ng/ul	97
85) Benzo(a)anthracene	21.506	228	216375	17.722	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.412	149	13216	2.297	ng/ul	94
87) Chrysene	21.571	228	225993	20.102	ng/ul	97
90) Benzo(b)fluoranthene	23.651	252	288526	23.219	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	93230	7.391	ng/ul	94
93) Benzo(a)pyrene	24.485	252	115055	9.751	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.157	276	96854m	6.788	ng/ul	
95) Dibenzo(a,h)anthracene	28.193	278	32244m	2.741	ng/ul	
96) Benzo(g,h,i)perylene	29.244	276	15587m	1.373	ng/ul	

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

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