Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061646.D
Acq On : 22 Jun 2024 13:00
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 23 02:11:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4C96

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	46493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.888	136	237033	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	170435	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	382844	20.000	ng/ul	0.00
79) Chrysene-d12	21.704	240	333260	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264	400007	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	8091	6.287	ng/uL	0.00
4) Pyridine-d5	3.884	84	126461	32.499	ng/ul	0.00
7) Phenol-d5	7.215	99	176531	34.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	101249	32.180	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	122972	35.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.767	113	140992	36.135	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	62108	38.590	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	70731	43.392	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	137819	35.707	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	173006	29.606	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	440835	33.611	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	513981	35.759	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	74774	33.196	ng/ul	0.00
60) Fluorene-d10	15.694	176	396957	34.572	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	47615	29.086	ng/ul	0.00
73) Anthracene-d10	17.544	188	623426	35.675	ng/ul	0.00
81) Pyrene-d10	19.824	212	676218	36.326	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.713	264	699110	36.593	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.486	178	63350	3.145	ng/ul	98
80) Fluoranthene	19.489	202	124371	5.758	ng/ul	97
82) Pyrene	19.848	202	107748	4.692	ng/ul	97
85) Benzo(a)anthracene	21.687	228	53180	2.273	ng/ul	98
87) Chrysene	21.751	228	56791m	2.566	ng/ul	
90) Benzo(b)fluoranthene	23.902	252	77278	3.214	ng/ul	97
91) Benzo(k)fluoranthene	23.978	252	29899m	1.209	ng/ul	
93) Benzo(a)pyrene	24.783	252	51965	2.245	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	28.590	276	43789m	1.518	ng/ul	
96) Benzo(g,h,i)perylene	29.754	276	40338m	1.735	ng/ul	

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

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