Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061658.D
Acq On : 22 Jun 2024 21:14
Operator : MA/JU
Sample : P2776-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 23 00:49:35 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 :
A4CA7

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	8.077	152	74896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	363620	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	254538	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	565259	20.000	ng/ul	0.00
79) Chrysene-d12	21.708	240	485400	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	591500	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	8078	3.896	ng/uL	0.00
4) Pyridine-d5	3.888	84	114265	18.229	ng/ul	0.00
7) Phenol-d5	7.219	99	173075	21.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	99923	19.715	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	118894	21.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	134055	21.328	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	62449	25.294	ng/ul	0.01
24) 2-Nitrophenol-d4	9.963	143	68953	27.575	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	135143	22.824	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	179124	19.981	ng/ul	0.00
46) Dimethylphthalate-d6	14.111	166	432474	22.079	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	511627	23.834	ng/ul	0.00
54) 4-Nitrophenol-d4	14.875	143	71695	21.312	ng/ul	0.00
60) Fluorene-d10	15.691	176	387832	22.617	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	42506	17.586	ng/ul	0.00
73) Anthracene-d10	17.542	188	596297	23.111	ng/ul	0.00
81) Pyrene-d10	19.822	212	664706	24.516	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264	678067	24.002	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.769	153	36457	2.197	ng/ul	97
56) Dibenzofuran	15.098	168	27249	1.173	ng/ul	89
61) Fluorene	15.750	166	43118	2.244	ng/ul	99
72) Phenanthrene	17.489	178	635339	21.365	ng/ul	98
74) Anthracene	17.577	178	171843	5.651	ng/ul	99
77) Carbazole	17.842	167	69786	2.703	ng/ul	96
80) Fluoranthene	19.493	202	756684	24.053	ng/ul	98
82) Pyrene	19.851	202	622511	18.610	ng/ul	99
85) Benzo(a)anthracene	21.690	228	279696	8.209	ng/ul	100
87) Chrysene	21.755	228	255524m	7.926	ng/ul	
90) Benzo(b)fluoranthene	23.917	252	349145m	9.819	ng/ul	
91) Benzo(k)fluoranthene	23.976	252	93043	2.544	ng/ul#	97
93) Benzo(a)pyrene	24.787	252	262641	7.672	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.612	276	169996m	3.985	ng/ul	
95) Dibenzo(a,h)anthracene	28.682	278	37663m	1.062	ng/ul	
96) Benzo(g,h,i)perylene	29.769	276	172646m	5.021	ng/ul	

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

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