Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020825.D
Acq On : 06 Jul 2024 18:21
Operator : MA/JU
Sample : P3010-21
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:34:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	273037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	1089624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	697642	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.169	188	1498346	20.000	ng/ul	0.00
79) Chrysene-d12	21.628	240	1369227	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	1635455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	21213	3.336	ng/uL	0.00
4) Pyridine-d5	3.693	84	32289	1.742	ng/ul	0.01
7) Phenol-d5	6.922	99	538347	24.040	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	310897	21.899	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.275	132	447894	24.472	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	436383	23.993	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	215270	26.759	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	245187	30.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	446384	26.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	382687	16.467	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1344133	27.710	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1532694	26.480	ng/ul	0.01
54) 4-Nitrophenol-d4	14.604	143	207369	27.980	ng/ul	0.02
60) Fluorene-d10	15.369	176	1156733	28.339	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	161312	21.364	ng/ul	0.01
73) Anthracene-d10	17.269	188	1855248	27.589	ng/ul	0.00
81) Pyrene-d10	19.651	212	1857762	22.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	1423380	17.892	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	850979	10.846	ng/ul	100
74) Anthracene	17.304	178	164111	2.033	ng/ul	98
77) Carbazole	17.598	167	85864	1.289	ng/ul	99
80) Fluoranthene	19.304	202	1648819	16.410	ng/ul	98
82) Pyrene	19.681	202	1121908	10.887	ng/ul	99
85) Benzo(a)anthracene	21.610	228	733293	7.641	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.528	149	133570	2.248	ng/ul	97
87) Chrysene	21.675	228	769160	8.479	ng/ul	98
90) Benzo(b)fluoranthene	23.916	252	1047359	10.571	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	325730	3.250	ng/ul	97
93) Benzo(a)pyrene	24.821	252	371072	3.967	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.774	276	362825m	3.024	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	144917m	1.470	ng/ul	

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

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