Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020821.D
Acq On : 06 Jul 2024 15:29
Operator : MA/JU
Sample : P3010-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4B65

Manual Integrations APPROVED

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

Quant Time: Jul 07 23:26:01 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	7.734	152	227086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	946544	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	623030	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.175	188	1282092	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	1140929	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264	1368422	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	16932	3.202	ng/uL	0.00
4) Pyridine-d5	3.693	84	17954m	1.165	ng/ul	0.01
7) Phenol-d5	6.928	99	424955	22.816	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.075	67	247412	20.953	ng/ul	0.00
11) 2-Chlorophenol-d4	7.275	132	359714	23.631	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	355774	23.519	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	176019	25.188	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	202196	28.913	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	362322	25.152	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	190754	9.449	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1108520	25.590	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1256252	24.304	ng/ul	0.01
54) 4-Nitrophenol-d4	14.610	143	157253	23.759	ng/ul	0.03
60) Fluorene-d10	15.375	176	951211	26.095	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	85433	13.223	ng/ul	0.02
73) Anthracene-d10	17.275	188	1424984	24.765	ng/ul	0.01
81) Pyrene-d10	19.657	212	1432936	20.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	1121439	16.847	ng/ul	0.01
Target Compounds						Qvalue
52) Acenaphthene	14.428	153	70773	1.827	ng/ul	96
56) Dibenzofuran	14.775	168	59696	1.144	ng/ul	99
61) Fluorene	15.434	166	90525	2.159	ng/ul	97
72) Phenanthrene	17.216	178	1637285	24.387	ng/ul	99
74) Anthracene	17.310	178	345853	5.008	ng/ul	99
77) Carbazole	17.598	167	173901	3.051	ng/ul	99
80) Fluoranthene	19.310	202	2546208	30.412	ng/ul	98
82) Pyrene	19.686	202	1644849	19.156	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1129621	14.126	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	72578	1.466	ng/ul#	94
87) Chrysene	21.674	228	1131430	14.968	ng/ul	98
90) Benzo(b)fluoranthene	23.927	252	1352214	16.311	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	460668m	5.493	ng/ul	
93) Benzo(a)pyrene	24.827	252	487812	6.233	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.792	276	426524m	4.249	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	173356m	2.101	ng/ul	

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

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