Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 08 00:31:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4EX1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	258335	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1034205	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	655309	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	1323179	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	920362	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1049227	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	8325	1.315	ng/uL	0.00
4) Pyridine-d5	3.405	84	9651m	0.513	ng/ul	0.02
7) Phenol-d5	6.581	99	149111	6.504	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	98524	6.926	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	142559	7.899	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	96095	5.094	ng/ul	-0.01
21) Nitrobenzene-d5	8.516	128	67228	8.156	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.234	143	71460	8.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	128665	8.060	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	20053m	0.830	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	440244	8.989	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	484272	8.790	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	34069m	3.390	ng/ul	0.00
60) Fluorene-d10	15.034	176	383932	9.250	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	37999	4.817	ng/ul	0.00
73) Anthracene-d10	16.887	188	567959	9.130	ng/ul	-0.01
81) Pyrene-d10	19.198	212	482029	9.400	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	276181	5.124	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.193	105	45273	1.515	ng/ul	99
72) Phenanthrene	16.828	178	526726	7.219	ng/ul	100
74) Anthracene	16.922	178	94922	1.274	ng/ul	98
80) Fluoranthene	18.863	202	1386139	23.122	ng/ul	98
82) Pyrene	19.228	202	858222	13.317	ng/ul	97
83) Butylbenzylphthalate	20.169	149	28999	1.003	ng/ul	99
85) Benzo(a)anthracene	21.010	228	498240	7.593	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.969	149	278056	6.573	ng/ul	98
87) Chrysene	21.063	228	643336	10.275	ng/ul	95
90) Benzo(b)fluoranthene	22.892	252	905837	14.160	ng/ul	98
91) Benzo(k)fluoranthene	22.945	252	294239	4.663	ng/ul	97
93) Benzo(a)pyrene	23.604	252	240897	3.986	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.721	276	286601	3.828	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	110460	1.825	ng/ul#	91

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

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