Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034639.D
Acq On : 18 Oct 2024 02:29
Operator : RC/JU
Sample : P4346-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 18 03:13:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 15:50:29 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EOAX7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	303216	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1164862	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	609547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.040	188	1103039	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1019598	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1261070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24631	3.251	ng/uL	0.00
4) Pyridine-d5	3.605	84	328750	14.859	ng/ul	0.00
7) Phenol-d5	6.834	99	417578	16.781	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	261115	17.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	338988	17.635	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	322714	16.641	ng/ul	0.00
21) Nitrobenzene-d5	8.805	128	155944	19.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	125360	19.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.058	165	256004	17.339	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	403629	15.936	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	740327	19.198	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	914638	19.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	68762	9.572	ng/ul	0.00
60) Fluorene-d10	15.293	176	636797	19.093	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	18574	5.024	ng/ul	0.00
73) Anthracene-d10	17.139	188	950394	20.156	ng/ul	0.00
81) Pyrene-d10	19.433	212	1053970	20.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.957	264	1185891	20.409	ng/ul	-0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.016	152	63250	1.219	ng/ul	97
52) Acenaphthene	14.363	153	56721	1.573	ng/ul	96
56) Dibenzofuran	14.698	168	59782	1.248	ng/ul	99
61) Fluorene	15.345	166	75783	1.963	ng/ul	93
72) Phenanthrene	17.081	178	307782	5.590	ng/ul	99
74) Anthracene	17.175	178	120144	2.112	ng/ul	97
80) Fluoranthene	19.098	202	667654	10.630	ng/ul	98
82) Pyrene	19.463	202	504067	7.534	ng/ul	98
85) Benzo(a)anthracene	21.245	228	295518m	4.562	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.222	149	101584	2.610	ng/ul	98
87) Chrysene	21.304	228	327042	5.319	ng/ul	98
90) Benzo(b)fluoranthene	23.245	252	404928	5.976	ng/ul	99
91) Benzo(k)fluoranthene	23.304	252	136527m	1.972	ng/ul	
93) Benzo(a)pyrene	24.016	252	285386	4.350	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	188889	2.308	ng/ul	94
96) Benzo(g,h,i)perylene	28.380	276	167343	2.634	ng/ul	96

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

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