Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034439.D
Acq On : 07 Oct 2024 15:38
Operator : RC/JU
Sample : P4109-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 07 16:39:00 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 :
A4EJ8

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	165312	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	655783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	409219	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	876049	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	913282	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	956088	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	4929	1.217	ng/uL	0.00
4) Pyridine-d5	3.405	84	8113m	0.674	ng/ul	0.02
7) Phenol-d5	6.581	99	85159	5.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	57712	6.340	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	81950	7.096	ng/ul	-0.01
15) 4-Methylphenol-d8	8.098	113	41860	3.468	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	37198	7.117	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	38574	7.177	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	68834	6.800	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	33686	2.198	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	226704	7.413	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	256100	7.444	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	18960m	3.021	ng/ul	0.00
60) Fluorene-d10	15.033	176	210148	8.108	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	19347	3.704	ng/ul	0.00
73) Anthracene-d10	16.886	188	327932	7.962	ng/ul	-0.01
81) Pyrene-d10	19.198	212	351773	6.913	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	230589	4.695	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.193	105	29730	1.555	ng/ul	96
72) Phenanthrene	16.827	178	234976	4.864	ng/ul	97
80) Fluoranthene	18.863	202	593310	9.974	ng/ul	99
82) Pyrene	19.227	202	378625	5.920	ng/ul	97
85) Benzo(a)anthracene	21.009	228	272951	4.192	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	20.974	149	108380	2.582	ng/ul#	94
87) Chrysene	21.068	228	320193	5.154	ng/ul	95
90) Benzo(b)fluoranthene	22.886	252	443466	7.608	ng/ul	96
91) Benzo(k)fluoranthene	22.939	252	143630	2.498	ng/ul#	94
93) Benzo(a)pyrene	23.609	252	116340	2.113	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.715	276	120553	1.767	ng/ul#	89

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

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