Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034448.D
Acq On : 07 Oct 2024 21:32
Operator : RC/JU
Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

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

Quant Time: Oct 08 00:43:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	216815	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	838092	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	499423	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.786	188	1013164	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	949628	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1177382	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	15738	2.962	ng/uL	0.00
4) Pyridine-d5	3.387	84	173099	10.961	ng/ul	0.00
7) Phenol-d5	6.581	99	275608	14.323	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	163168	13.667	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	247152	16.317	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	223171	14.095	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	110526	16.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	124252	18.088	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	219263	16.949	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	255663	13.054	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	644745	17.274	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	740444	17.635	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	63206	8.252	ng/ul	0.00
60) Fluorene-d10	15.034	176	561097	17.738	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	59323	9.820	ng/ul	0.00
73) Anthracene-d10	16.886	188	873249	18.333	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1022334	19.322	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	1148721	18.994	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.828	178	80577	1.442	ng/ul	98
80) Fluoranthene	18.863	202	197953	3.200	ng/ul	99
82) Pyrene	19.227	202	187242	2.816	ng/ul	98
85) Benzo(a)anthracene	21.010	228	101163	1.494	ng/ul	94
87) Chrysene	21.063	228	112248	1.737	ng/ul	94
90) Benzo(b)fluoranthene	22.886	252	141118	1.966	ng/ul#	95
93) Benzo(a)pyrene	23.604	252	107086	1.579	ng/ul#	90
96) Benzo(g,h,i)perylene	27.651	276	80282m	1.231	ng/ul	

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

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