Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034340.D
Acq On : 02 Oct 2024 16:57
Operator : RC/JU
Sample : P4016-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 02 17:47:24 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

Instrument :
BNA_N
ClientSampleId :
DDC23

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	202172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.151	136	740827	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.051	164	567464	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.833	188	1113157	20.000	ng/ul	0.03
79) Chrysene-d12	21.033	240	1135951	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264	1395983	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.004	96	26690	5.387	ng/uL	0.00
4) Pyridine-d5	3.404	84	291494	19.794	ng/ul	0.02
7) Phenol-d5	6.610	99	502707	28.017	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.745	67	349279	31.375	ng/ul	0.00
11) 2-Chlorophenol-d4	6.945	132	410301	29.051	ng/ul	0.02
15) 4-Methylphenol-d8	8.122	113	375024	25.402	ng/ul	0.02
21) Nitrobenzene-d5	8.539	128	211132	35.756	ng/ul	0.01
24) 2-Nitrophenol-d4	9.251	143	216542	35.662	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.804	165	389108	34.027	ng/ul	0.03
31) 4-Chloroaniline-d4	10.275	131	553881	31.994	ng/ul	-0.02
46) Dimethylphthalate-d6	13.474	166	1033529	24.371	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	1215593	25.479	ng/ul	0.01
54) 4-Nitrophenol-d4	14.298	143	228687	26.276	ng/ul	0.02
60) Fluorene-d10	15.057	176	937479	26.084	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.186	200	142875	21.527	ng/ul	0.01
73) Anthracene-d10	16.927	188	1383599	26.438	ng/ul	0.03
81) Pyrene-d10	19.215	212	1669719	26.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1930621	26.923	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.204	128	2178524	53.761	ng/ul	95
36) 2-Methylnaphthalene	11.833	142	3687365	132.103	ng/ul	100
37) 1-Methylnaphthalene	12.057	142	2262520	80.077	ng/ul	97
41) 2,4,6-Trichlorophenol	12.469	196	50737	4.672	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	142598	11.953	ng/ul	95
43) 1,1'-Biphenyl	12.869	154	470016	10.986	ng/ul	94
52) Acenaphthene	14.116	153	133637	3.586	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.710	232	3947597	398.782	ng/ul	90
61) Fluorene	15.116	166	326543	7.832	ng/ul#	92
71) Pentachlorophenol	16.521	266	21835300m	2498.849	ng/ul	
72) Phenanthrene	16.874	178	1266951	20.641	ng/ul#	95
82) Pyrene	19.245	202	85982	1.081	ng/ul#	80
86) Bis(2-ethylhexyl)phtha...	20.980	149	144919	2.776	ng/ul#	86

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

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