Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034285.D
Acq On : 30 Sep 2024 20:06
Operator : RC/JU
Sample : P4019-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 01 00:02:18 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 :
DDC68

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	249392	20.000	ng/ul	0.01
20) Naphthalene-d8	10.152	136	938560	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.051	164	631698	20.000	ng/ul	0.01
64) Phenanthrene-d10	16.810	188	1225828	20.000	ng/ul	0.01
79) Chrysene-d12	21.028	240	1197503	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1488281	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	17908	2.930	ng/uL	0.00
4) Pyridine-d5	3.393	84	247852	13.644	ng/ul	0.00
7) Phenol-d5	6.605	99	350585	15.839	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.746	67	280287	20.410	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	270227	15.510	ng/ul	0.01
15) 4-Methylphenol-d8	8.122	113	268150	14.724	ng/ul	0.02
21) Nitrobenzene-d5	8.540	128	155139	20.738	ng/ul	0.01
24) 2-Nitrophenol-d4	9.252	143	118975	15.466	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.805	165	238122	16.436	ng/ul	0.03
31) 4-Chloroaniline-d4	10.310	131	262353	11.962	ng/ul	0.02
46) Dimethylphthalate-d6	13.475	166	758659	16.070	ng/ul	0.00
49) Acenaphthylene-d8	13.734	160	904766	17.036	ng/ul	0.00
54) 4-Nitrophenol-d4	14.293	143	104434	10.779	ng/ul	0.02
60) Fluorene-d10	15.057	176	681609	17.036	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.187	200	28165	3.854	ng/ul	0.01
73) Anthracene-d10	16.910	188	1024385	17.775	ng/ul	0.01
81) Pyrene-d10	19.210	212	1196584	17.934	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	1295873	16.951	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.205	128	1764581	34.372	ng/ul	97
36) 2-Methylnaphthalene	11.834	142	2910125	82.293	ng/ul	98
37) 1-Methylnaphthalene	12.057	142	1772801	49.526	ng/ul	98
43) 1,1'-Biphenyl	12.869	154	356733	7.490	ng/ul	92
52) Acenaphthene	14.110	153	71857	1.732	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.698	232	794502	72.099	ng/ul#	93
61) Fluorene	15.110	166	251948	5.428	ng/ul#	91
71) Pentachlorophenol	16.493	266	4611707m	479.258	ng/ul	
72) Phenanthrene	16.851	178	1217313	18.010	ng/ul	97
80) Fluoranthene	18.875	202	134611	1.726	ng/ul#	81
82) Pyrene	19.239	202	138321	1.650	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	20.980	149	168377	3.059	ng/ul#	83

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

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