Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047717.D
Acq On : 30 Sep 2024 14:37
Operator : RC/JU
Sample : P4018-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 15:16:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DDCB4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	292914	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	995247	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	706717	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1301298	20.000	ng/ul	0.01
79) Chrysene-d12	21.404	240	1263027	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1499473	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	21528	2.375	ng/uL	0.00
4) Pyridine-d5	3.693	84	21855m	0.823	ng/ul	0.02
7) Phenol-d5	6.975	99	400517	14.460	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	277972	14.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	346626	17.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	216211	10.499	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	173191m	21.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	174838	23.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	312519	20.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	264007	11.257	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	873736	17.053	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1071593	17.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	204135	20.011	ng/ul	0.00
60) Fluorene-d10	15.439	176	773979	17.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	105272	13.824	ng/ul	0.00
73) Anthracene-d10	17.292	188	1123395	17.557	ng/ul	0.00
81) Pyrene-d10	19.568	212	1358878	18.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1388488	17.847	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.657	128	1195298	20.880	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	1750870	48.135	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1179639	31.876	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	54386	4.086	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	15477	1.063	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	213439	3.772	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.086	232	5126101	446.774	ng/ul#	93
61) Fluorene	15.498	166	129186	2.375	ng/ul#	94
71) Pentachlorophenol	16.910	266	22181042m	2234.667	ng/ul	
72) Phenanthrene	17.239	178	617167	8.087	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.315	149	66807	1.339	ng/ul#	80

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

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