Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047716.D
Acq On : 30 Sep 2024 13:57
Operator : RC/JU
Sample : P4018-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 30 14:59:55 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 :
DDCA1

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	254069	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	973327	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	636919	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1148901	20.000	ng/ul	0.02
79) Chrysene-d12	21.409	240	1120452	20.000	ng/ul	0.00
88) Perylene-d12	24.421	264	1286460	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	9415	1.198	ng/uL	0.00
4) Pyridine-d5	3.710	84	21086m	0.916	ng/ul	0.04
7) Phenol-d5	6.987	99	158486	6.597	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	156858	9.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	117502	6.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	153209	8.577	ng/ul	-0.02
21) Nitrobenzene-d5	8.969	128	67278	8.681	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	72530	9.766	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	96596	6.511	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	242864	10.589	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	402889	8.725	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	469653	8.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	76754	8.348	ng/ul	0.00
60) Fluorene-d10	15.445	176	356096	8.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	41541	6.179	ng/ul	0.00
73) Anthracene-d10	17.298	188	466336	8.255	ng/ul	0.01
81) Pyrene-d10	19.568	212	489125	7.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	302420	4.531	ng/ul	0.00
Target Compounds						Qvalue
23) Isophorone	9.539	82	800625	20.330	ng/ul#	84
29) 2,4-Dichlorophenol	10.257	162	28038	1.830	ng/ul#	78
30) Naphthalene	10.663	128	1020118	18.221	ng/ul	98
36) 2-Methylnaphthalene	12.275	142	2121733	59.644	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1345634	37.180	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	42671	3.557	ng/ul	95
43) 1,1'-Biphenyl	13.280	154	239420	4.695	ng/ul#	92
52) Acenaphthene	14.516	153	70323	1.611	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	4466852	431.980	ng/ul#	93
61) Fluorene	15.498	166	210220	4.289	ng/ul#	90
71) Pentachlorophenol	16.921	266	26334743m	3005.066	ng/ul	
72) Phenanthrene	17.245	178	718404	10.663	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.315	149	49623	1.122	ng/ul#	75

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

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