Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049400.D
Acq On : 23 Jan 2025 02:34
Operator : RC/JU
Sample : Q1139-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 23 04:14:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCZH3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	426875	20.000	ng/ul	0.00
20) Naphthalene-d8	10.298	136	1573064	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.163	164	1091925	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1576194	20.000	ng/ul	0.03
79) Chrysene-d12	21.157	240	1305124	20.000	ng/ul	0.01
88) Perylene-d12	23.927	264	1371858	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25316	2.454	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.716	99	511474	14.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	341955	14.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.058	132	407338	14.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	412048	14.828	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	202702	16.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	224145	16.715	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	456210	16.672	ng/ul	0.01
31) 4-Chloroaniline-d4	10.434	131	133494	3.707	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1206303	14.843	ng/ul	0.00
49) Acenaphthylene-d8	13.851	160	1365770	14.721	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	156835m	11.654	ng/ul	0.01
60) Fluorene-d10	15.163	176	1021979	14.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.333	200	42222	4.203	ng/ul	0.04
73) Anthracene-d10	17.051	188	1367610	17.552	ng/ul	0.04
81) Pyrene-d10	19.333	212	1114281	14.029	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.739	264	612404	8.316	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.340	128	46666060m	558.988	ng/ul	
36) 2-Methylnaphthalene	11.975	142	23570968m	394.563	ng/ul	
37) 1-Methylnaphthalene	12.198	142	13564748	228.210	ng/ul	100
50) Acenaphthylene	13.881	152	1572659	16.534	ng/ul#	92
52) Acenaphthene	14.251	153	20742764	305.231	ng/ul	98
61) Fluorene	15.233	166	19041035	241.492	ng/ul#	97
71) Pentachlorophenol	16.604	266	77162	5.588	ng/ul	100
72) Phenanthrene	16.963	178	45740124m	521.988	ng/ul	
74) Anthracene	17.080	178	12793229	145.453	ng/ul#	89
80) Fluoranthene	18.986	202	36534789m	400.295	ng/ul	
82) Pyrene	19.357	202	26464244m	272.394	ng/ul	
85) Benzo(a)anthracene	21.139	228	16902668	185.840	ng/ul#	84
87) Chrysene	21.204	228	14879983	179.206	ng/ul#	89
90) Benzo(b)fluoranthene	23.080	252	13319360	145.055	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	4497221	49.121	ng/ul	97
93) Benzo(a)pyrene	23.803	252	2666402	32.149	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.015	276	1878234	19.742	ng/ul	98
95) Dibenzo(a,h)anthracene	27.044	278	854131	11.022	ng/ul	98
96) Benzo(g,h,i)perylene	27.974	276	197896m	2.786	ng/ul	

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

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