Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049403.D
Acq On : 23 Jan 2025 04:31
Operator : RC/JU
Sample : Q1139-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 23 05:04:26 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 :
DCZH8

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	380279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	1401990	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	850826	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1444111	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1297024	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1325401	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	42806	4.657	ng/uL	0.00
4) Pyridine-d5	3.510	84	613830	20.979	ng/ul	0.00
7) Phenol-d5	6.716	99	763484	23.917	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	502040	23.619	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	618767	25.338	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	574800	23.220	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	284961	26.654	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	324711	27.169	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	592528	24.296	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	654397	20.392	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1545600	24.407	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1805632	24.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	186522	17.787	ng/ul	0.00
60) Fluorene-d10	15.157	176	1265350	23.130	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	74921	8.141	ng/ul	0.00
73) Anthracene-d10	17.015	188	1702322	23.846	ng/ul	0.00
81) Pyrene-d10	19.321	212	1848508	23.418	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1618922	22.754	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.328	128	1611739	21.662	ng/ul	100
36) 2-Methylnaphthalene	11.951	142	127245	2.390	ng/ul	99
37) 1-Methylnaphthalene	12.174	142	217179	4.100	ng/ul	99
50) Acenaphthylene	13.874	152	324686	4.381	ng/ul#	93
52) Acenaphthene	14.227	153	5401634	102.009	ng/ul	99
61) Fluorene	15.221	166	6270975	102.070	ng/ul	98
72) Phenanthrene	16.962	178	17081212m	212.760	ng/ul	
74) Anthracene	17.051	178	10033368	124.509	ng/ul	98
80) Fluoranthene	18.986	202	23140615m	255.125	ng/ul	
82) Pyrene	19.350	202	20788230m	215.308	ng/ul	
85) Benzo(a)anthracene	21.133	228	7515372	83.146	ng/ul	97
87) Chrysene	21.192	228	7390800	89.566	ng/ul	98
90) Benzo(b)fluoranthene	23.056	252	4409062	49.700	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	1441080	16.292	ng/ul	100
93) Benzo(a)pyrene	23.791	252	2386518	29.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.991	276	842389	9.164	ng/ul	100
95) Dibenzo(a,h)anthracene	27.044	278	231142m	3.087	ng/ul	
96) Benzo(g,h,i)perylene	27.956	276	680898m	9.923	ng/ul	

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

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