Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049407.D
Acq On : 23 Jan 2025 07:06
Operator : RC/JU
Sample : Q1139-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 23 07:38:50 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 :
DCZJ0

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	421929	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	1589653	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	997802	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1891235	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1571964	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1536011	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	43456	4.261	ng/uL	0.00
4) Pyridine-d5	3.510	84	538450	16.586	ng/ul	0.00
7) Phenol-d5	6.710	99	764980	21.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	500058	21.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	622111	22.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	586467	21.353	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	290969	24.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	323308	23.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	606871	21.946	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	639099	17.564	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1677566	22.589	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1881994	22.198	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	209694	17.051	ng/ul	0.00
60) Fluorene-d10	15.157	176	1373997	21.416	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	99998	8.297	ng/ul	0.00
73) Anthracene-d10	17.010	188	2091212	22.368	ng/ul	0.00
81) Pyrene-d10	19.315	212	2077034	21.711	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1655312	20.075	ng/ul	-0.02
Target Compounds						Qvalue
50) Acenaphthylene	13.874	152	119119	1.371	ng/ul	99
52) Acenaphthene	14.221	153	78280	1.261	ng/ul	97
61) Fluorene	15.216	166	294511	4.088	ng/ul	98
72) Phenanthrene	16.951	178	1157272	11.007	ng/ul	100
74) Anthracene	17.045	178	1992474	18.880	ng/ul	99
80) Fluoranthene	18.980	202	15087763	137.249	ng/ul	99
82) Pyrene	19.351	202	12761008	109.052	ng/ul	99
85) Benzo(a)anthracene	21.121	228	3625513	33.095	ng/ul	98
87) Chrysene	21.180	228	3368637	33.683	ng/ul	99
90) Benzo(b)fluoranthene	23.050	252	1934238	18.814	ng/ul	98
91) Benzo(k)fluoranthene	23.103	252	648245	6.324	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1054750	11.358	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.991	276	351648	3.301	ng/ul	100
95) Dibenzo(a,h)anthracene	27.032	278	99398m	1.146	ng/ul	
96) Benzo(g,h,i)perylene	27.944	276	263134	3.309	ng/ul	98

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

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