Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049506.D
Acq On : 29 Jan 2025 16:18
Operator : RC/JU
Sample : Q1184-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 30 07:59:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E2963

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	220021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	489288m	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	584421	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1174887	20.000	ng/ul	0.00
79) Chrysene-d12	21.144	240	1150174	20.000	ng/ul	0.01
88) Perylene-d12	23.927	264	1186025	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	30484	5.133	ng/uL	0.00
4) Pyridine-d5	3.522	84	181242	10.388	ng/ul	0.01
7) Phenol-d5	6.739	99	287234	16.088	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.863	67	484052	39.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	610147	44.162	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	456678	34.911	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	298477	79.738	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	303790	74.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	666590	80.004	ng/ul	0.02
31) 4-Chloroaniline-d4	10.439	131	330369	30.912	ng/ul	0.02
46) Dimethylphthalate-d6	13.586	166	1633546	38.122	ng/ul	0.01
49) Acenaphthylene-d8	13.845	160	2228901	44.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	105270m	14.976	ng/ul	0.07
60) Fluorene-d10	15.157	176	1729330	45.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	359344	48.536	ng/ul	0.00
73) Anthracene-d10	17.009	188	2762257	47.081	ng/ul	0.00
81) Pyrene-d10	19.315	212	3180237	47.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	3131462	49.504	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.769	94	1854187	98.942	ng/ul	95
12) 2-Chlorophenol	7.092	128	17279	1.211	ng/ul	98
13) 2-Methylphenol	7.981	108	56074	4.270	ng/ul	97
18) 4-Methylphenol	8.310	108	499831	35.264	ng/ul	90
26) 2,4-Dimethylphenol	9.528	107	2300446m	275.742	ng/ul	
30) Naphthalene	10.322	128	670743	25.748	ng/ul	100
36) 2-Methylnaphthalene	11.945	142	81236	4.572	ng/ul	98
37) 1-Methylnaphthalene	12.169	142	80534	4.598	ng/ul#	99
52) Acenaphthene	14.221	153	38102	1.032	ng/ul	96
59) Diethylphthalate	15.015	149	267049m	6.609	ng/ul	
72) Phenanthrene	16.951	178	69487	1.051	ng/ul#	56
77) Carbazole	17.321	167	197915	3.324	ng/ul#	88

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

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