Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045982.D
Acq On : 11 Jun 2024 19:00
Operator : MA/JU
Sample : P2642-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 23:11:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4BH7

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.440	152	80365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.210	136	363200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.086	164	241605	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	538038	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	652065	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	762274	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	9385	4.528	ng/uL	0.00
4) Pyridine-d5	3.481	84	43794	8.205	ng/ul	0.03
7) Phenol-d5	6.693	99	216013	31.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	152694	31.146	ng/ul	0.00
11) 2-Chlorophenol-d4	7.004	132	162308	31.827	ng/ul	0.00
15) 4-Methylphenol-d8	8.210	113	174693	33.869	ng/ul	0.00
21) Nitrobenzene-d5	8.610	128	83692	29.472	ng/ul	0.01
24) 2-Nitrophenol-d4	9.316	143	84192	29.294	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	168529	31.270	ng/ul	0.00
31) 4-Chloroaniline-d4	10.398	131	202758	27.183	ng/ul	0.01
46) Dimethylphthalate-d6	13.533	166	566175	33.849	ng/ul	0.00
49) Acenaphthylene-d8	13.775	160	634879	32.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	85269	23.622	ng/ul	0.00
60) Fluorene-d10	15.086	176	502061	35.185	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	66310	24.135	ng/ul	0.00
73) Anthracene-d10	16.927	188	802860	34.325	ng/ul	0.00
81) Pyrene-d10	19.227	212	1061453	26.176	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1020169	28.635	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.868	178	267100	9.422	ng/ul	99
74) Anthracene	16.963	178	49660	1.754	ng/ul	97
77) Carbazole	17.257	167	25472	1.054	ng/ul	99
80) Fluoranthene	18.892	202	629465	12.804	ng/ul	99
82) Pyrene	19.256	202	516121	10.218	ng/ul	98
85) Benzo(a)anthracene	21.021	228	317320	7.048	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	69333	2.267	ng/ul	100
87) Chrysene	21.080	228	345049	8.284	ng/ul	98
90) Benzo(b)fluoranthene	22.903	252	489076	10.440	ng/ul	98
91) Benzo(k)fluoranthene	22.945	252	141793m	3.099	ng/ul	
93) Benzo(a)pyrene	23.615	252	214532	5.212	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.715	276	163303	3.633	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	49666	1.397	ng/ul	94

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

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