Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045836.D
Acq On : 05 Jun 2024 04:25
Operator : MA/JU
Sample : P2589-22
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 05 04:59:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BH6D6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	311092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1285612	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	737145	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1296901	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	961320	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1084743	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	17362	2.164	ng/uL	0.00
4) Pyridine-d5	3.475	84	222223	10.756	ng/ul	0.00
7) Phenol-d5	6.722	99	402540	15.231	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	292223	15.399	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	319909	16.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	316544	15.854	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	165745	16.489	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	172950	17.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	331070	17.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	428145	16.216	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1052772	20.629	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1151295	19.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	125500	11.395	ng/ul	0.00
60) Fluorene-d10	15.104	176	854927	19.637	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	72150	10.894	ng/ul	0.00
73) Anthracene-d10	16.951	188	1174517	20.832	ng/ul	0.00
81) Pyrene-d10	19.251	212	1256434	21.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1097086	21.640	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.898	178	81189	1.188	ng/ul	99
80) Fluoranthene	18.915	202	201143	2.775	ng/ul	98
82) Pyrene	19.280	202	178311	2.395	ng/ul	99
85) Benzo(a)anthracene	21.045	228	73189	1.103	ng/ul	99
87) Chrysene	21.103	228	92935	1.513	ng/ul	95
90) Benzo(b)fluoranthene	22.933	252	129074m	1.936	ng/ul	
93) Benzo(a)pyrene	23.650	252	74942	1.279	ng/ul	92
96) Benzo(g,h,i)perylene	27.709	276	62724m	1.113	ng/ul	

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

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