Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048044.D
Acq On : 15 Oct 2024 01:29
Operator : RC/JU
Sample : P4238-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F07

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 02:14:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	284611	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1085781	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	637831	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1261418	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1253064	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1499262	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10528	1.195	ng/uL	0.00
4) Pyridine-d5	3.669	84	13714	0.532	ng/ul	0.01
7) Phenol-d5	6.957	99	134727	5.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	85805	4.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	120018	6.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	63178	3.157	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	54506	6.305	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	59529	7.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	102288	6.181	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	35782	1.399	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	330647	7.150	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	385653	7.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	39153	4.253	ng/ul	0.01
60) Fluorene-d10	15.410	176	300801	7.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	27010	3.659	ng/ul	0.00
73) Anthracene-d10	17.257	188	469409	7.568	ng/ul	0.00
81) Pyrene-d10	19.545	212	513332	7.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	416316	5.352	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.198	178	339496	4.589	ng/ul	99
80) Fluoranthene	19.215	202	962566	11.492	ng/ul	99
82) Pyrene	19.574	202	686040	7.359	ng/ul	97
85) Benzo(a)anthracene	21.368	228	424899	4.843	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	178337	3.604	ng/ul	98
87) Chrysene	21.427	228	525854	6.148	ng/ul	97
90) Benzo(b)fluoranthene	23.438	252	772781	8.265	ng/ul	98
91) Benzo(k)fluoranthene	23.491	252	267248m	2.795	ng/ul	
93) Benzo(a)pyrene	24.233	252	253403	2.854	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.756	276	273946	2.407	ng/ul	96

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

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