Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048051.D
Acq On : 15 Oct 2024 06:45
Operator : RC/JU
Sample : P4238-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 15 07:30:33 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

Instrument :
BNA_M
ClientSampleId :
A4EY0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	272357	20.000	ng/ul		0.00
20) Naphthalene-d8	10.575	136	1100198	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.422	164	671708	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.163	188	1372014	20.000	ng/ul		0.00
79) Chrysene-d12	21.386	240	1232215	20.000	ng/ul		0.00
88) Perylene-d12	24.386	264	1460851	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.240	96	9402	1.116	ng/uL		0.00
4) Pyridine-d5	3.675	84	14391m	0.583	ng/ul		0.02
7) Phenol-d5	6.957	99	153282	5.952	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	90135	4.932	ng/ul		0.00
11) 2-Chlorophenol-d4	7.316	132	133354	7.117	ng/ul		0.00
15) 4-Methylphenol-d8	8.493	113	114915	6.001	ng/ul		0.00
21) Nitrobenzene-d5	8.940	128	58252	6.650	ng/ul		0.00
24) 2-Nitrophenol-d4	9.657	143	64502	7.684	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.204	165	118315	7.055	ng/ul		0.00
31) 4-Chloroaniline-d4	10.728	131	29156m	1.125	ng/ul		0.01
46) Dimethylphthalate-d6	13.828	166	349635	7.179	ng/ul		0.00
49) Acenaphthylene-d8	14.110	160	409757	7.096	ng/ul		0.00
54) 4-Nitrophenol-d4	14.639	143	34262m	3.534	ng/ul		0.02
60) Fluorene-d10	15.410	176	316751	7.509	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	22049	2.746	ng/ul		0.00
73) Anthracene-d10	17.257	188	502103	7.443	ng/ul		0.00
81) Pyrene-d10	19.545	212	514437	7.356	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.180	264	390699	5.155	ng/ul		0.01
Target Compounds							Qvalue
16) Acetophenone	8.604	105	40863	1.247	ng/ul		92
50) Acenaphthylene	14.139	152	77480	1.190	ng/ul		98
72) Phenanthrene	17.204	178	892475	11.092	ng/ul		99
74) Anthracene	17.292	178	190047	2.316	ng/ul		98
77) Carbazole	17.563	167	101580	1.366	ng/ul		98
80) Fluoranthene	19.216	202	2273266	27.600	ng/ul		98
82) Pyrene	19.580	202	1637022	17.857	ng/ul		95
85) Benzo(a)anthracene	21.368	228	975196	11.303	ng/ul		98
86) Bis(2-ethylhexyl)phtha...	21.286	149	269074	5.530	ng/ul#		97
87) Chrysene	21.427	228	1212295	14.413	ng/ul		98
90) Benzo(b)fluoranthene	23.439	252	1783744	19.580	ng/ul		98
91) Benzo(k)fluoranthene	23.498	252	589058m	6.324	ng/ul		
93) Benzo(a)pyrene	24.245	252	608581	7.034	ng/ul		96
94) Indeno(1,2,3-cd)pyrene	27.768	276	662657	5.976	ng/ul		99
95) Dibenzo(a,h)anthracene	27.815	278	217385	2.392	ng/ul#		94
96) Benzo(g,h,i)perylene	28.821	276	88535	1.019	ng/ul		92

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

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