Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045840.D
Acq On : 05 Jun 2024 07:02
Operator : MA/JU
Sample : P2586-14
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 05 07:39:47 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 :
A4C28

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	287346	20.000	ng/ul	0.00
20) Naphthalene-d8	10.234	136	1177923	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	681038	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1164817	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	799076	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	903594	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26148	3.528	ng/uL	0.00
4) Pyridine-d5	3.469	84	253123	13.264	ng/ul	0.00
7) Phenol-d5	6.722	99	561191	22.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	384819	21.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	441865	24.233	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	452564	24.539	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	223667	24.286	ng/ul	0.00
24) 2-Nitrophenol-d4	9.340	143	239748	25.721	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	425529	24.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	496598	20.528	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1219783	25.871	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1390236	25.393	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	144292	14.181	ng/ul	0.00
60) Fluorene-d10	15.104	176	981576	24.404	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	76546	12.869	ng/ul	0.00
73) Anthracene-d10	16.951	188	1270377	25.088	ng/ul	0.00
81) Pyrene-d10	19.251	212	1249832	25.151	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1055621	24.996	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.640	77	25543	2.225	ng/ul	99
72) Phenanthrene	16.892	178	169247	2.758	ng/ul	100
80) Fluoranthene	18.915	202	369735	6.137	ng/ul	98
82) Pyrene	19.280	202	318897	5.152	ng/ul	100
85) Benzo(a)anthracene	21.045	228	206387	3.741	ng/ul	98
87) Chrysene	21.103	228	207481	4.065	ng/ul	96
90) Benzo(b)fluoranthene	22.933	252	319316	5.750	ng/ul#	96
91) Benzo(k)fluoranthene	22.986	252	119349m	2.200	ng/ul	
93) Benzo(a)pyrene	23.656	252	203822	4.177	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.780	276	161495	3.031	ng/ul	98
95) Dibenzo(a,h)anthracene	26.815	278	60396m	1.433	ng/ul	
96) Benzo(g,h,i)perylene	27.709	276	158056	3.368	ng/ul	99

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

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