Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047875.D
Acq On : 05 Oct 2024 13:26
Operator : RC/JU
Sample : P4083-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EH1

Quant Time: Oct 05 23:06:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	344338	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1369192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	831141	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1690620	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1522058	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1762616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	12785	1.200	ng/uL	0.00
4) Pyridine-d5	3.681	84	21595	0.692	ng/ul	0.02
7) Phenol-d5	6.963	99	152312	4.678	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	137382	5.946	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	153590	6.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	79164	3.270	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	86852	7.967	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	91339	8.743	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	149127	7.146	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	31429	0.974	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	530167	8.798	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	609367	8.529	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	54758	4.564	ng/ul	0.00
60) Fluorene-d10	15.421	176	484647	9.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36632	3.703	ng/ul	0.00
73) Anthracene-d10	17.268	188	739244	8.893	ng/ul	0.00
81) Pyrene-d10	19.556	212	720932	8.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	484094	5.293	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	97464	2.353	ng/ul	95
72) Phenanthrene	17.215	178	826670	8.338	ng/ul	99
74) Anthracene	17.304	178	156450	1.547	ng/ul	99
80) Fluoranthene	19.227	202	2395332	23.544	ng/ul	97
82) Pyrene	19.586	202	1481879	13.087	ng/ul	96
85) Benzo(a)anthracene	21.380	228	994755	9.334	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.303	149	323100	5.376	ng/ul#	96
87) Chrysene	21.439	228	1226361	11.804	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	1797312	16.351	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	583400	5.191	ng/ul	96
93) Benzo(a)pyrene	24.250	252	475909	4.559	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	544278	4.068	ng/ul	98
95) Dibenzo(a,h)anthracene	27.815	278	213870	1.951	ng/ul#	92

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

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