Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043396.D
Acq On : 18 Dec 2023 16:55
Operator : MA/JU
Sample : 05626-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLF3DL

Quant Time: Dec 19 01:25:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	549544	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2411225	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1262251	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2098700	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1376706	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1532929	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	15931	0.942	ng/uL	0.00
4) Pyridine-d5	3.810	84	222758	4.577	ng/ul	0.00
7) Phenol-d5	7.151	99	330605	5.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	220802	5.577	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	256692	5.378	ng/ul	0.00
15) 4-Methylphenol-d8	8.698	113	261189	5.384	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	126557	5.425	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	126281	5.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	220920	5.192	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	337036	5.384	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	619318	5.450	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	743565	5.516	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	78912	3.669	ng/ul	0.00
60) Fluorene-d10	15.615	176	517036	5.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	42592	3.069	ng/ul	0.00
73) Anthracene-d10	17.468	188	640124	5.439	ng/ul	0.00
81) Pyrene-d10	19.750	212	601057	5.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	512795	5.421	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.457	142	147466	1.410	ng/ul	100
52) Acenaphthene	14.686	153	868041	8.509	ng/ul	98
61) Fluorene	15.668	166	969492	8.613	ng/ul	99
72) Phenanthrene	17.409	178	5926758	41.667	ng/ul	99
74) Anthracene	17.504	178	8133637	56.659	ng/ul	99
80) Fluoranthene	19.421	202	5063047	37.616	ng/ul	99
82) Pyrene	19.786	202	3855107	27.860	ng/ul	98
85) Benzo(a)anthracene	21.527	228	830062	7.210	ng/ul	98
87) Chrysene	21.580	228	908385	8.771	ng/ul	99
90) Benzo(b)fluoranthene	23.233	252	552837	4.706	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	192013	1.676	ng/ul	96
93) Benzo(a)pyrene	23.862	252	293005	2.734	ng/ul	98

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

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