Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030466.D
Acq On : 16 Jun 2021 13:52
Operator : CG/JU
Sample : M2596-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5P8

Manual Integrations APPROVED
mohammad
6/17/2021 12:16:55 PM

Quant Time: Jun 16 14:24:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	175160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	655927	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	392548	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	808311	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	926496	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	1027530	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	7946	1.732	ng/uL	0.00
4) Pyridine-d5	3.740	84	41919	3.478	ng/ul	0.02
7) Phenol-d5	6.993	99	121633	7.990	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	84079	8.557	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	102930	9.349	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	87333	7.183	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	43217	9.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	42045	9.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	87926	9.052	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	66949	4.509	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	259748	9.642	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	323334	9.608	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	21587	4.281	ng/ul	0.01
60) Fluorene-d10	15.433	176	249412	10.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	22446	4.811	ng/ul	0.00
73) Anthracene-d10	17.280	188	385254	10.479	ng/ul	0.00
81) Pyrene-d10	19.562	212	350428	7.226	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	261254	5.099	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.663	128	70974	2.135	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	29447	1.245	ng/ul	94
50) Acenaphthylene	14.169	152	171908	5.348	ng/ul	98
52) Acenaphthene	14.510	153	42152	1.765	ng/ul	99
56) Dibenzofuran	14.845	168	77931	2.346	ng/ul	99
61) Fluorene	15.492	166	100634	3.607	ng/ul	97
72) Phenanthrene	17.227	178	1562123	35.742	ng/ul	99
74) Anthracene	17.315	178	296879	6.730	ng/ul	100
77) Carbazole	17.586	167	107807	2.752	ng/ul	98
80) Fluoranthene	19.233	202	2707186	45.432	ng/ul	99
82) Pyrene	19.598	202	1574830	24.991	ng/ul	96
85) Benzo(a)anthracene	21.333	228	1369472	24.463	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.262	149	64810	2.160	ng/ul#	93
87) Chrysene	21.386	228	1294866	23.458	ng/ul	98
90) Benzo(b)fluoranthene	22.939	252	1835864	27.796	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	575944m	9.129	ng/ul	
93) Benzo(a)pyrene	23.521	252	492471	8.530	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.921	276	496865	6.993	ng/ul	94
95) Dibenzo(a,h)anthracene	25.927	278	225663	3.772	ng/ul#	89

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

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