Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061721\
Data File : BM030493.D
Acq On : 17 Jun 2021 13:51
Operator : CG/JU
Sample : M2596-13DL 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5Q9DL

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Quant Time: Jun 17 14:32:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 17 13:10:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	223162	20.00	ng/ul	0.00
20) Naphthalene-d8	10.610	136	826781	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	485500	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	957422	20.00	ng/ul	0.00
79) Chrysene-d12	21.356	240	984924	20.00	ng/ul	0.01
88) Perylene-d12	23.633	264	1028626	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8140m	1.39	ng/uL	0.04
4) Pyridine-d5	3.775	84	56848m	3.70	ng/ul	0.06
7) Phenol-d5	6.998	99	159859	8.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	100513	8.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	134654	9.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	126571	8.17	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	59585	10.53	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	66330	11.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	124838	10.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	126494	6.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	350077	10.51	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	440182	10.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	28886	4.63	ng/ul	0.01
60) Fluorene-d10	15.439	176	312419	10.47	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	26040	4.71	ng/ul	0.00
73) Anthracene-d10	17.286	188	466539	10.71	ng/ul	0.00
81) Pyrene-d10	19.574	212	434741	8.43	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	354889	6.92	ng/ul	0.01
Target Compounds						Qvalue
6) Benzaldehyde	6.981	77	11008	1.21	ng/ul	93
16) Acetophenone	8.645	105	41303	1.69	ng/ul	96
52) Acenaphthene	14.510	153	53681	1.82	ng/ul	99
56) Dibenzofuran	14.845	168	45017	1.10	ng/ul	100
61) Fluorene	15.492	166	79873	2.32	ng/ul	97
72) Phenanthrene	17.227	178	1745027	33.71	ng/ul	99
74) Anthracene	17.315	178	602396	11.53	ng/ul	99
80) Fluoranthene	19.239	202	3464797	54.70	ng/ul	99
82) Pyrene	19.603	202	2131820	31.82	ng/ul	94
85) Benzo(a)anthracene	21.339	228	1986007	33.37	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	46471	1.46	ng/ul#	98
87) Chrysene	21.392	228	1566948	26.70	ng/ul	97
90) Benzo(b)fluoranthene	22.950	252	1904231	28.80	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	612958m	9.71	ng/ul	
93) Benzo(a)pyrene	23.533	252	590468	10.22	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.938	276	475486	6.68	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.938	278	228291	3.81	ng/ul#	93

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

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