Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025025.D
Acq On : 22 Feb 2020 14:08
Operator : CG/JU
Sample : L1507-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD20

Manual Integrations APPROVED
mohammad
2/24/2020 3:39:08 PM

Quant Time: Feb 24 10:51:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 05:59:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	224746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	945134	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	667348	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	1524098	20.00	ng/ul	0.01
78) Chrysene-d12	20.98	240	1660718	20.00	ng/ul	0.02
86) Perylene-d12	23.04	264	1873451	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	1588	0.34	ng/uL	0.02
5) Phenol-d5	6.55	99	21854	1.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.70	67	15583	1.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	20761	1.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	17513	1.39	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	10893	1.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	10347	1.28	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.74	165	21657	1.33	ng/ul	0.01
29) 4-Chloroaniline-d4	10.27	131	3473m	0.23	ng/ul	0.04
44) Dimethylphthalate-d6	13.42	166	90522	1.80	ng/ul	0.00
47) Acenaphthylene-d8	13.67	160	107399	1.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	7615	0.93	ng/ul	0.00
58) Fluorene-d10	15.00	176	97106	2.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	7285m	0.73	ng/ul	0.04
71) Anthracene-d10	16.87	188	145633	2.09	ng/ul	0.02
79) Pyrene-d10	19.17	212	158883m	1.91	ng/ul	0.02
90) Benzo(a)pyrene-d12	22.92	264	183036m	1.95	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	11.76	142	113983	3.204	ng/ul	100
48) Acenaphthylene	13.71	152	1676332	27.510	ng/ul	97
50) Acenaphthene	14.07	153	20686445m	502.682	ng/ul	
54) Dibenzofuran	14.40	168	14126640	230.288	ng/ul	95
59) Fluorene	15.06	166	19458367m	384.884	ng/ul	
70) Phenanthrene	16.80	178	34691842m	417.466	ng/ul	
72) Anthracene	16.90	178	11508769	136.556	ng/ul	93
75) Carbazole	17.16	167	440852	6.279	ng/ul#	87
76) Di-n-butylphthalate	17.76	149	114927	1.286	ng/ul#	68
77) Fluoranthene	18.83	202	44737855m	438.541	ng/ul	
80) Pyrene	19.20	202	36781272m	334.595	ng/ul	
83) Benzo(a)anthracene	20.96	228	16741776m	149.660	ng/ul	
84) Bis(2-ethylhexyl)phthalate	20.93	149	122162	1.877	ng/ul	98
85) Chrysene	21.02	228	15178774	137.823	ng/ul#	83
88) Benzo(b)fluoranthene	22.45	252	8901424	74.720	ng/ul#	97
89) Benzo(k)fluoranthene	22.49	252	2901671m	25.306	ng/ul	
91) Benzo(a)pyrene	22.96	252	2928904	27.423	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.06	276	1216634	9.150	ng/ul	99
93) Dibenzo(a,h)anthracene	25.06	278	376408	3.323	ng/ul#	95
94) Benzo(g,h,i)perylene	25.66	276	780642	7.059	ng/ul	97

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

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