Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026101.D
Acq On : 23 May 2020 04:53
Operator : MA/SJ
Sample : L2737-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B10

Manual Integrations APPROVED
mohammad
5/26/2020 10:11:58 AM

Quant Time: May 25 02:16:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	221714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	845927	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.14	164	528661	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1080082	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1074759	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1119005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	29573	4.02	ng/uL	0.00
5) Phenol-d5	6.69	99	132391	6.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	342027	24.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	334542	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	236264	15.59	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	208039	30.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	228345	33.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	388705	28.38	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	1231280	29.04	ng/ul	0.01
47) Acenaphthylene-d8	13.82	160	1473690	29.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	50186	6.68	ng/ul	-0.01
58) Fluorene-d10	15.14	176	1071462	29.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	177601	28.20	ng/ul	0.01
71) Anthracene-d10	16.99	188	1638179	30.78	ng/ul	0.01
79) Pyrene-d10	19.29	212	1774519	32.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1698118	28.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.72	94	1025330	45.476	ng/ul	98
11) 2-Methylphenol	7.96	108	3199976	205.989	ng/ul	99
14) Acetophenone	8.33	105	170192	6.693	ng/ul#	79
16) 4-Methylphenol	8.28	108	3256075	192.731	ng/ul	88
24) 2,4-Dimethylphenol	9.50	107	6362773m	335.877	ng/ul	
28) Naphthalene	10.32	128	57358746m	1108.990	ng/ul	
34) 2-Methylnaphthalene	11.93	142	3852143	110.731	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	750433	15.997	ng/ul	98
45) Dimethylphthalate	13.61	163	159385	3.581	ng/ul	97
48) Acenaphthylene	13.85	152	142323	2.581	ng/ul#	83
50) Acenaphthene	14.22	153	8790087	226.035	ng/ul	98
54) Dibenzofuran	14.55	168	5375599	98.362	ng/ul	100
59) Fluorene	15.20	166	4639345	104.941	ng/ul	99
70) Phenanthrene	16.94	178	10032715	147.464	ng/ul	98
72) Anthracene	17.02	178	976782	14.310	ng/ul	98
75) Carbazole	17.32	167	12383453	219.295	ng/ul	97
77) Fluoranthene	18.96	202	2570534	36.019	ng/ul	99
80) Pyrene	19.32	202	1592945	21.112	ng/ul	98
83) Benzo(a)anthracene	21.07	228	108780	1.468	ng/ul	94

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

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