Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026096.D
Acq On : 23 May 2020 01:51
Operator : MA/SJ
Sample : L2737-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B12

Manual Integrations APPROVED
mohammad
5/26/2020 10:11:22 AM

Quant Time: May 25 12:02:52 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	7.50	152	185503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	716959m	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.14	164	482782	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.90	188	989252	20.00	ng/ul	0.01
78) Chrysene-d12	21.10	240	1015597	20.00	ng/ul	0.01
86) Perylene-d12	23.21	264	1054132	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	36074	5.87	ng/uL	0.00
5) Phenol-d5	6.78	99	182128m	10.82	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	6.90	67	419973	36.08	ng/ul	0.06
9) 2-Chlorophenol-d4	7.06	132	423570	32.16	ng/ul	0.02
13) 4-Methylphenol-d8	8.31	113	318425m	25.11	ng/ul	0.11
19) Nitrobenzene-d5	8.70	128	271946	46.53	ng/ul	0.06
22) 2-Nitrophenol-d4	9.40	143	289579	50.08	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	9.97	165	472482	40.70	ng/ul	0.09
29) 4-Chloroaniline-d4	10.47	131	85489m	7.26	ng/ul	0.07
44) Dimethylphthalate-d6	13.58	166	1534324	39.63	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1857904	40.51	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	68406m	9.98	ng/ul	0.04
58) Fluorene-d10	15.14	176	1360536	40.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	232853	40.37	ng/ul	0.02
71) Anthracene-d10	17.00	188	2051026	42.07	ng/ul	0.02
79) Pyrene-d10	19.29	212	2215825	42.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2102940	37.48	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.76	94	54117721m	2868.796	ng/ul	
11) 2-Methylphenol	8.02	108	34657938	2666.509	ng/ul	100
14) Acetophenone	8.47	105	884015	41.549	ng/ul	98
16) 4-Methylphenol	8.37	108	52980207m	3748.109	ng/ul	
24) 2,4-Dimethylphenol	9.58	107	41627359m	2592.694	ng/ul	
28) Naphthalene	10.33	128	82697177m	1886.502	ng/ul	
34) 2-Methylnaphthalene	11.96	142	12239393	415.112	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	887004	20.706	ng/ul	99
45) Dimethylphthalate	13.62	163	236437	5.817	ng/ul	98
48) Acenaphthylene	13.86	152	161324	3.204	ng/ul#	88
50) Acenaphthene	14.22	153	10750100	302.707	ng/ul	98
54) Dibenzofuran	14.56	168	8432984	168.969	ng/ul	99
59) Fluorene	15.20	166	5566216	137.872	ng/ul	99
69) Pentachlorophenol	16.57	266	15548	2.180	ng/ul	98
70) Phenanthrene	16.94	178	8722523	139.977	ng/ul	98
72) Anthracene	17.03	178	1027085	16.429	ng/ul	99
75) Carbazole	17.33	167	18216017	352.201	ng/ul#	91
77) Fluoranthene	18.96	202	1119208	17.123	ng/ul	98
80) Pyrene	19.32	202	649477	9.109	ng/ul	99

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

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