Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026098.D
Acq On : 23 May 2020 03:04
Operator : MA/SJ
Sample : L2737-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B25

Manual Integrations APPROVED
mohammad
5/26/2020 10:11:28 AM

Quant Time: May 25 01:30:50 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	210935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	792006	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.14	164	510945	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1041953	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1053237	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1077528	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28981	4.14	ng/uL	0.00
5) Phenol-d5	6.69	99	144765	7.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	370954	28.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	362472	24.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	252478	17.51	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	227902	35.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	241446	37.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	397250	30.98	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	1400586	34.18	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1579031	32.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	72942	10.05	ng/ul	0.00
58) Fluorene-d10	15.14	176	1198990	33.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	229204	37.73	ng/ul	0.00
71) Anthracene-d10	16.99	188	1851153	36.05	ng/ul	0.00
79) Pyrene-d10	19.29	212	2038390	37.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2097972	36.58	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	22916	1.551	ng/ul	97
14) Acetophenone	8.32	105	154410	6.382	ng/ul#	87
16) 4-Methylphenol	8.27	108	53712	3.342	ng/ul	98
24) 2,4-Dimethylphenol	9.47	107	130726m	7.371	ng/ul	
28) Naphthalene	10.32	128	67362335m	1391.072	ng/ul	
34) 2-Methylnaphthalene	11.94	142	8810999	270.518	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	2125052	46.872	ng/ul	99
45) Dimethylphthalate	13.61	163	246868	5.739	ng/ul	99
48) Acenaphthylene	13.85	152	202574	3.801	ng/ul#	95
50) Acenaphthene	14.21	153	7437459	197.884	ng/ul	98
54) Dibenzofuran	14.54	168	5260200	99.588	ng/ul	100
59) Fluorene	15.20	166	3619905	84.721	ng/ul	100
70) Phenanthrene	16.93	178	4907910	74.778	ng/ul	99
72) Anthracene	17.02	178	398101	6.046	ng/ul	99
75) Carbazole	17.31	167	12000776	220.295	ng/ul	98
77) Fluoranthene	18.95	202	621337	9.025	ng/ul	99
80) Pyrene	19.32	202	579554	7.838	ng/ul	97

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

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