Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Manual Integrations APPROVED
mohammad
1/18/2021 3:35:12 PM

Quant Time: Jan 18 10:30:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 10:13:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29450	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	114953	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	62430	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	120116	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	109312	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	109783	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	2562	3.67	ng/uL	0.00
5) Phenol-d5	7.23	99	53118	21.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31963	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	45457	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	43197	21.27	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19787	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22121	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	41001	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	40190	17.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	115337	23.27	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	144938	22.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	15785	17.00	ng/ul	0.00
58) Fluorene-d10	15.71	176	94491	22.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	13247	16.03	ng/ul	0.00
71) Anthracene-d10	17.55	188	137672	22.26	ng/ul	0.00
79) Pyrene-d10	19.82	212	143940	22.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	145556	23.36	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	7.22	77	4376	3.513	ng/ul	84
6) Phenol	7.26	94	7645	3.056	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	4480	1.020	ng/ul	94
45) Dimethylphthalate	14.17	163	8842	1.760	ng/ul	99
48) Acenaphthylene	14.45	152	18345	2.895	ng/ul	98
59) Fluorene	15.76	166	5249	1.056	ng/ul#	98
70) Phenanthrene	17.49	178	156800	21.142	ng/ul	99
72) Anthracene	17.59	178	34620	4.573	ng/ul	97
75) Carbazole	17.85	167	14550	2.261	ng/ul	94
76) Di-n-butylphthalate	18.39	149	9184	1.066	ng/ul#	96
77) Fluoranthene	19.49	202	305764	37.889	ng/ul	99
80) Pyrene	19.84	202	310260	36.688	ng/ul	98
83) Benzo(a)anthracene	21.56	228	155498	20.468	ng/ul	96
85) Chrysene	21.61	228	158890	21.570	ng/ul	96
88) Benzo(b)fluoranthene	23.20	252	203553	27.388	ng/ul#	93
89) Benzo(k)fluoranthene	23.24	252	69753m	9.586	ng/ul	
91) Benzo(a)pyrene	23.80	252	148868	21.695	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.27	276	111613	13.343	ng/ul	97
93) Dibenzo(a,h)anthracene	26.27	278	28719	4.074	ng/ul#	78
94) Benzo(g,h,i)perylene	27.01	276	133660	19.151	ng/ul	98

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

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