Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027057.D
Acq On : 13 Aug 2020 12:09
Operator : JU/CG
Sample : L3630-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM75

Manual Integrations APPROVED
Sohil
8/14/2020 2:54:04 PM

Quant Time: Aug 13 14:08:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	84976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	302288	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	187721	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	408575	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	573406	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	608583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	8147	4.36	ng/uL	0.00
5) Phenol-d5	6.82	99	155427	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	106578	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	125239	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	117099	22.73	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	55250	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	58790	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	129485	24.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	125209	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	391487	26.15	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	475255	26.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	48824	19.32	ng/ul	0.00
58) Fluorene-d10	15.27	176	318484	24.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	43808	19.63	ng/ul	0.00
71) Anthracene-d10	17.12	188	544701	27.06	ng/ul	0.00
79) Pyrene-d10	19.42	212	713901	24.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	929014	27.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.84	94	21762	3.124	ng/ul	93
45) Dimethylphthalate	13.73	163	218386	13.921	ng/ul	99
48) Acenaphthylene	13.99	152	28817	1.589	ng/ul	97
54) Dibenzofuran	14.67	168	18856	1.025	ng/ul	93
59) Fluorene	15.32	166	15735	1.022	ng/ul	97
70) Phenanthrene	17.06	178	434974	17.758	ng/ul	99
72) Anthracene	17.15	178	67080	2.691	ng/ul	99
75) Carbazole	17.42	167	38255	1.818	ng/ul	98
77) Fluoranthene	19.08	202	768891	25.887	ng/ul	97
80) Pyrene	19.44	202	707789	18.185	ng/ul	97
83) Benzo(a)anthracene	21.20	228	475400	12.315	ng/ul	98
85) Chrysene	21.25	228	477945	12.614	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	702394	16.621	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	258953m	6.183	ng/ul	
91) Benzo(a)pyrene	23.32	252	497192	12.928	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.60	276	359706	7.259	ng/ul	98
93) Dibenzo(a,h)anthracene	25.61	278	108254	2.579	ng/ul	93
94) Benzo(g,h,i)perylene	26.27	276	251549	6.146	ng/ul	98

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

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