Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027106.D
Acq On : 15 Aug 2020 02:58
Operator : JU/CG
Sample : L3631-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM3

Manual Integrations APPROVED
mohammad
8/19/2020 8:19:15 AM

Quant Time: Aug 20 04:31:53 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	7.63	152	144443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	528736	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	333630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	693738	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	730436	20.00	ng/ul	-0.01
86) Perylene-d12	23.40	264	741025	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	9240	2.91	ng/uL	0.00
5) Phenol-d5	6.82	99	198416	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	148694	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	164025	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	149708	17.10	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	80168	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	85617	19.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	168566	18.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	194045	18.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	542007	20.37	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	617651	19.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	55430	12.34	ng/ul	0.00
58) Fluorene-d10	15.27	176	450416	19.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	42455	11.20	ng/ul	0.00
71) Anthracene-d10	17.12	188	669361	19.58	ng/ul	0.00
79) Pyrene-d10	19.41	212	747104	20.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	796802	19.26	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	24525	2.071	ng/ul#	88
45) Dimethylphthalate	13.73	163	53074	1.904	ng/ul#	98
50) Acenaphthene	14.33	153	33671	1.474	ng/ul	97
54) Dibenzofuran	14.67	168	47011	1.438	ng/ul	97
59) Fluorene	15.32	166	47171	1.724	ng/ul	95
70) Phenanthrene	17.06	178	611865	14.712	ng/ul	99
72) Anthracene	17.15	178	151436	3.578	ng/ul	98
75) Carbazole	17.42	167	51005	1.428	ng/ul	98
77) Fluoranthene	19.07	202	741664	14.706	ng/ul	99
80) Pyrene	19.44	202	603681	12.176	ng/ul	99
83) Benzo(a)anthracene	21.19	228	398691	8.108	ng/ul	97
85) Chrysene	21.24	228	353100m	7.315	ng/ul	
88) Benzo(b)fluoranthene	22.75	252	424986	8.259	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	157412m	3.087	ng/ul	
91) Benzo(a)pyrene	23.30	252	294453	6.288	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.59	276	175969	2.916	ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	135372	2.716	ng/ul	98

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

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