Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022279.D
Acq On : 24 Aug 2019 05:23
Operator : HP/JU
Sample : K4242-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG6

Manual Integrations APPROVED
mohammad
8/26/2019 8:30:08 AM

Quant Time: Aug 24 06:27:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	38531	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	172794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	119689	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	279371	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	345616	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	292809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3237	3.76	ng/uL	0.00
5) Phenol-d5	6.75	99	66199	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	39669	20.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	57762	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	59320	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29212	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	33729	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	66278	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	68846	18.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	230366	21.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	247798	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	21655	13.87	ng/ul	0.01
57) Fluorene-d10	15.22	176	195453	22.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	25764	11.95	ng/ul	0.00
70) Anthracene-d10	17.07	188	334226	22.59	ng/ul	0.00
78) Pyrene-d10	19.38	212	462980	25.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	390572	24.28	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.69	163	37297	3.478	ng/ul	99
49) Acenaphthene	14.27	153	26467	3.167	ng/ul	93
53) Dibenzofuran	14.62	168	29032	2.332	ng/ul	98
58) Fluorene	15.27	166	41787	3.985	ng/ul	98
69) Phenanthrene	17.02	178	580293	34.721	ng/ul	99
71) Anthracene	17.11	178	168642	9.697	ng/ul	99
74) Carbazole	17.40	167	70621	4.496	ng/ul	99
76) Fluoranthene	19.04	202	924779	36.718	ng/ul	99
79) Pyrene	19.42	202	743928	33.255	ng/ul	96
82) Benzo(a)anthracene	21.17	228	433286	16.657	ng/ul	98
84) Chrysene	21.22	228	331922	13.647	ng/ul	98
87) Benzo(b)fluoranthene	22.72	252	387169	19.008	ng/ul	97
88) Benzo(k)fluoranthene	22.76	252	120924m	6.122	ng/ul	
90) Benzo(a)pyrene	23.28	252	271036	13.960	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.56	276	140671	6.240	ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	35519	1.856	ng/ul#	87
93) Benzo(g,h,i)perylene	26.23	276	104595	6.082	ng/ul	96

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

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