Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDA1

Manual Integrations APPROVED
mohammad
2/28/2020 8:49:39 AM

Quant Time: Feb 27 11:09:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	360421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1533780	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	990956	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2238411	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2263036	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2159970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	32149	3.70	ng/uL	0.00
5) Phenol-d5	6.83	99	600587	22.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	346848	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	534884	24.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	464403	21.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	264439	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	287101	30.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	572826	25.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	574147	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1814904	26.10	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2183581	25.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	261828	21.62	ng/ul	0.00
58) Fluorene-d10	15.28	176	1646209	26.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	202057	22.90	ng/ul	0.00
71) Anthracene-d10	17.14	188	2582412	26.19	ng/ul	0.00
79) Pyrene-d10	19.38	212	2966743	25.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2901526	27.81	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.47	128	91666	1.118	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	168103	2.975	ng/ul	100
45) Dimethylphthalate	13.75	163	191340	2.614	ng/ul	99
54) Dibenzofuran	14.69	168	357065	3.994	ng/ul	100
59) Fluorene	15.34	166	731427	10.285	ng/ul	99
70) Phenanthrene	17.08	178	2066762	16.742	ng/ul	100
72) Anthracene	17.19	178	15412041m	126.393	ng/ul	
75) Carbazole	17.45	167	4284874	42.136	ng/ul	99
77) Fluoranthene	19.06	202	815286	6.168	ng/ul	96
80) Pyrene	19.41	202	1098707	7.138	ng/ul	96
83) Benzo(a)anthracene	21.12	228	1057096	7.093	ng/ul	98
85) Chrysene	21.17	228	1923564	13.212	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	3702449	29.131	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	1038247	7.881	ng/ul	98
91) Benzo(a)pyrene	23.25	252	1073003	9.008	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	892709	6.000	ng/ul	95
93) Dibenzo(a,h)anthracene	25.58	278	253815	2.031	ng/ul#	81
94) Benzo(g,h,i)perylene	26.25	276	550562	4.353	ng/ul	98

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

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