Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023243.D
Acq On : 18 Oct 2019 05:53
Operator : JU
Sample : K5235-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPB4

Manual Integrations APPROVED
mohammad
10/20/2019 8:06:50 PM

Quant Time: Oct 18 08:30:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	343725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1345376	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	835350	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1709261	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1763664	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2180896	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	35963	4.60	ng/uL	0.00
5) Phenol-d5	6.83	99	607681	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	369077	21.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	515875	22.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	405640	16.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	252521	27.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	280217	32.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	537026	24.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	453630	16.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1670871	26.10	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1957403	26.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	155944	15.05	ng/ul	0.00
58) Fluorene-d10	15.30	176	1454899	26.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	147350	21.74	ng/ul	0.00
71) Anthracene-d10	17.15	188	2258759	27.41	ng/ul	0.00
79) Pyrene-d10	19.45	212	2536508	29.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3124794	28.27	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	102337	3.315	ng/ul	97
45) Dimethylphthalate	13.77	163	662799	10.344	ng/ul	100
48) Acenaphthylene	14.03	152	103883	1.353	ng/ul	98
70) Phenanthrene	17.09	178	1075063	11.207	ng/ul	100
72) Anthracene	17.19	178	279615	2.821	ng/ul	97
75) Carbazole	17.45	167	101006	1.141	ng/ul	98
76) Di-n-butylphthalate	18.04	149	203173	1.928	ng/ul#	95
77) Fluoranthene	19.12	202	2893633	25.364	ng/ul	99
80) Pyrene	19.48	202	3229192	29.227	ng/ul	97
83) Benzo(a)anthracene	21.23	228	1966939	16.460	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	3313332	54.225	ng/ul#	98
85) Chrysene	21.28	228	2058318	18.550	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2602513	19.682	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	883135m	6.956	ng/ul	
91) Benzo(a)pyrene	23.36	252	2095541	16.518	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	1376140	9.118	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	395432	3.134	ng/ul#	91
94) Benzo(g,h,i)perylene	26.35	276	1359978	10.945	ng/ul	98

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

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