Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023840.D
Acq On : 21 Nov 2019 21:43
Operator : JU
Sample : K5851-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB3

Manual Integrations APPROVED
mohammad
11/22/2019 1:22:54 PM

Quant Time: Nov 22 06:59:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	332013	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1349234	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	823663	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1718677	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1730761	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2116231	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	21912	2.72	ng/uL	0.00
5) Phenol-d5	6.70	99	472194	15.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	274312	15.77	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	390277	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	378614	15.68	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	183408	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	211330	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	390570	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	400236	15.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1183752	18.43	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1443613	19.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	126987	11.58	ng/ul	0.00
58) Fluorene-d10	15.17	176	1070749	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	70097	7.05	ng/ul	0.00
71) Anthracene-d10	17.02	188	1657031	20.32	ng/ul	0.00
79) Pyrene-d10	19.33	212	1812560	20.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2268372	20.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.73	94	187456	6.013	ng/ul	99
14) Acetophenone	8.34	105	116699	3.099	ng/ul	95
28) Naphthalene	10.33	128	182817	2.578	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	160977	2.967	ng/ul	100
45) Dimethylphthalate	13.64	163	694853	11.039	ng/ul	99
70) Phenanthrene	16.96	178	1052235	11.115	ng/ul	98
75) Carbazole	17.33	167	85535	1.078	ng/ul#	77
76) Di-n-butylphthalate	17.91	149	203422	2.325	ng/ul#	94
77) Fluoranthene	18.99	202	1520458	14.991	ng/ul	96
80) Pyrene	19.36	202	1224632	10.947	ng/ul	99
81) Butylbenzylphthalate	20.28	149	158946	4.486	ng/ul	87
83) Benzo(a)anthracene	21.12	228	334028	2.926	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.07	149	2376381	44.420	ng/ul	99
85) Chrysene	21.17	228	533919	4.968	ng/ul#	94
87) Di-n-octyl phthalate	21.93	149	1052303	10.174	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	589772	4.372	ng/ul#	73
89) Benzo(k)fluoranthene	22.69	252	171893m	1.323	ng/ul	
91) Benzo(a)pyrene	23.20	252	306345	2.481	ng/ul#	65
92) Indeno(1,2,3-cd)pyrene	25.43	276	220306	1.668	ng/ul#	94
94) Benzo(g,h,i)perylene	26.08	276	234577	2.192	ng/ul#	90

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

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