Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112219\
Data File : BM023878.D
Acq On : 23 Nov 2019 03:57
Operator : JU
Sample : K5854-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD1

Manual Integrations APPROVED
mohammad
11/25/2019 8:21:04 AM

Quant Time: Nov 29 01:46:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	398136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1606907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	996505	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2068644	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1975402	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2494863	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	30763	3.18	ng/uL	0.00
5) Phenol-d5	6.70	99	645346	17.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	375309	18.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	535643	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	489565	16.91	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	259366	22.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	295880	24.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	528052	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	543602	17.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1602050	20.62	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1969764	22.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	158512	11.95	ng/ul	0.01
58) Fluorene-d10	15.17	176	1458463	21.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	61686	5.16	ng/ul	0.00
71) Anthracene-d10	17.02	188	2220506	22.63	ng/ul	0.00
79) Pyrene-d10	19.33	212	2426816	23.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3068702	23.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.73	94	178002	4.761	ng/ul	96
14) Acetophenone	8.33	105	79101	1.752	ng/ul	98
28) Naphthalene	10.33	128	118853	1.407	ng/ul	99
32) Caprolactam	11.28	113	10245m	1.192	ng/ul	
34) 2-Methylnaphthalene	11.96	142	95770	1.482	ng/ul	99
45) Dimethylphthalate	13.63	163	693367	9.105	ng/ul	99
70) Phenanthrene	16.96	178	914498	8.026	ng/ul	99
72) Anthracene	17.06	178	240097	2.096	ng/ul	99
75) Carbazole	17.33	167	113687	1.190	ng/ul#	94
77) Fluoranthene	18.99	202	1384513	11.341	ng/ul	96
80) Pyrene	19.36	202	1289126	10.096	ng/ul	98
81) Butylbenzylphthalate	20.27	149	136561	3.377	ng/ul	91
83) Benzo(a)anthracene	21.12	228	683878	5.248	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	1314826	21.533	ng/ul	98
85) Chrysene	21.16	228	674593	5.499	ng/ul	97
88) Benzo(b)fluoranthene	22.64	252	1018784	6.406	ng/ul#	89
89) Benzo(k)fluoranthene	22.69	252	315859m	2.061	ng/ul	
91) Benzo(a)pyrene	23.19	252	702836	4.827	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.42	276	482426	3.099	ng/ul	96
94) Benzo(g,h,i)perylene	26.07	276	476834	3.780	ng/ul#	93

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

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