Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (QT Reviewed)

Data File : BM023879.D
Acq On : 23 Nov 2019 04:33
Operator : JU
Sample : K5854-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 25 01:18:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 25 01:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	389867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1556212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	959530	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1977029	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1914484	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2371380	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	26562	2.81	ng/uL	0.00
5) Phenol-d5	6.70	99	683805	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	382250	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	553116	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	465769	16.43	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	270082	24.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	315751	26.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	579903	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	155733	5.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1767922	23.63	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2151934	25.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	204521	16.01	ng/ul	0.01
58) Fluorene-d10	15.17	176	1559599	23.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	85185	7.45	ng/ul	0.00
71) Anthracene-d10	17.02	188	2384644	25.43	ng/ul	0.00
79) Pyrene-d10	19.33	212	2525692	25.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	3170280	25.41	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.73	94	195163	5.331	ng/ul	98
14) Acetophenone	8.33	105	101725	2.301	ng/ul	98
28) Naphthalene	10.33	128	398818	4.876	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	412211	6.588	ng/ul	98
41) 1,1'-Biphenyl	12.99	154	115427	1.559	ng/ul	98
45) Dimethylphthalate	13.63	163	460344	6.278	ng/ul	99
48) Acenaphthylene	13.89	152	189014	2.199	ng/ul	98
50) Acenaphthene	14.23	153	229724	3.765	ng/ul	99
54) Dibenzofuran	14.57	168	238192	2.637	ng/ul	97
59) Fluorene	15.22	166	205637	2.807	ng/ul#	95
65) N-Nitrosodiphenylamine	15.45	169	87500	1.508	ng/ul	90
70) Phenanthrene	16.96	178	4260810	39.127	ng/ul	100
72) Anthracene	17.06	178	1289952	11.780	ng/ul	100
75) Carbazole	17.33	167	569498	6.239	ng/ul	99
76) Di-n-butylphthalate	17.91	149	266803	2.651	ng/ul	97
77) Fluoranthene	19.00	202	9851561	84.439	ng/ul	96
80) Pyrene	19.36	202	8707316	70.363	ng/ul	99
81) Butylbenzylphthalate	20.28	149	238362	6.082	ng/ul	95
83) Benzo(a)anthracene	21.12	228	4619778	36.583	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	2146772	36.277	ng/ul	98
85) Chrysene	21.17	228	4066338	34.204	ng/ul	97
87) Di-n-octyl phthalate	21.93	149	176083	1.519	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	5895328	38.999	ng/ul#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.69	252	1624847m	11.157	ng/ul	
91) Benzo(a)pyrene	23.20	252	3607533	26.068	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.43	276	2375117	16.050	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	620752	4.971	ng/ul#	85
94) Benzo(g,h,i)perylene	26.09	276	2156787	17.987	ng/ul	97

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

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