Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092719\
Data File : BM022788.D
Acq On : 27 Sep 2019 15:43
Operator : JU
Sample : SSTD04055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04055

Manual Integrations APPROVED
mohammad
9/30/2019 8:14:24 AM

Quant Time: Sep 27 17:00:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 15:30:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	216237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	976054	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	627546	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	1313181	20.00	ng/ul	0.00
78) Chrysene-d12	21.37	240	1310886	20.00	ng/ul	0.00
86) Perylene-d12	23.64	264	1356586	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	84748	16.33	ng/uL	0.00
5) Phenol-d5	6.98	99	844819	42.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	462782	40.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	687089	43.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	694532	42.83	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	338935	48.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	380232	58.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	731916	44.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	940124	43.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	2110709	41.51	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	2506200	41.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	425393	48.98	ng/ul	0.00
58) Fluorene-d10	15.44	176	1805159	42.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.56	200	381747	63.96	ng/ul	0.00
71) Anthracene-d10	17.29	188	2794248	41.54	ng/ul	0.00
79) Pyrene-d10	19.58	212	3127891	43.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.50	264	3136590	43.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	83240	15.942	ng/uL	100
4) Benzaldehyde	6.95	77	419371m	40.262	ng/ul	
6) Phenol	7.00	94	884065	42.416	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	669898	42.318	ng/ul	100
10) 2-Chlorophenol	7.38	128	730869	44.135	ng/ul	99
11) 2-Methylphenol	8.25	108	688218	42.309	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	894164	38.407	ng/ul	100
14) Acetophenone	8.63	105	1063948	42.045	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	542945	39.722	ng/ul	99
16) 4-Methylphenol	8.59	108	756413	43.068	ng/ul	99
17) Hexachloroethane	8.89	117	276441	42.138	ng/ul	99
20) Nitrobenzene	9.01	77	773119	43.882	ng/ul	98
21) Isophorone	9.55	82	1543444	39.095	ng/ul	99
23) 2-Nitrophenol	9.72	139	429718	55.756	ng/ul	98
24) 2,4-Dimethylphenol	9.78	107	809411	41.888	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	965677	41.718	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	735222	45.170	ng/ul	99
28) Naphthalene	10.66	128	2288537	42.290	ng/ul	99
30) 4-Chloroaniline	10.76	127	993646	44.417	ng/ul	99
31) Hexachlorobutadiene	10.95	225	434150	43.296	ng/ul	99
32) Caprolactam	11.55	113	241119m	39.796	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	763443	42.504	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	1722545	42.250	ng/ul	99

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35) 1-Methylnaphthalene	12.49	142	1641713	42.146	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	908107	44.848	ng/ul	100
38) Hexachlorocyclopentadiene	12.63	237	571676	45.798	ng/ul	99
39) 2,4,6-Trichlorophenol	12.88	196	614445	48.477	ng/ul	100
40) 2,4,5-Trichlorophenol	12.95	196	666905	48.519	ng/ul	99
41) 1,1'-Biphenyl	13.28	154	2230963	42.692	ng/ul	99
42) 2-Chloronaphthalene	13.32	162	1711773	43.266	ng/ul	100
43) 2-Nitroaniline	13.52	65	470714	50.958	ng/ul	99
45) Dimethylphthalate	13.91	163	2169034	42.022	ng/ul	100
46) 2,6-Dinitrotoluene	14.02	165	470509	55.987	ng/ul	100
48) Acenaphthylene	14.17	152	2671617	42.300	ng/ul	100
49) 3-Nitroaniline	14.35	138	449148	49.288	ng/ul	96
50) Acenaphthene	14.52	153	1837483	41.987	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	280801	72.838	ng/ul	98
53) 4-Nitrophenol	14.66	109	310348	44.467	ng/ul	100
54) Dibenzofuran	14.85	168	2608891	42.954	ng/ul	99
55) 2,4-Dinitrotoluene	14.81	165	674005	54.752	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.07	232	588652	51.555	ng/ul	99
57) Diethylphthalate	15.27	149	2200176	41.198	ng/ul	99
59) Fluorene	15.50	166	2129399	42.615	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.49	204	1073043	43.392	ng/ul	98
61) 4-Nitroaniline	15.52	138	480377	46.260	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.57	198	426649	61.773	ng/ul	96
65) N-Nitrosodiphenylamine	15.70	169	1876149	41.867	ng/ul	99
66) 4-Bromophenyl-phenylether	16.38	248	700135	42.672	ng/ul	99
67) Hexachlorobenzene	16.50	284	769089	42.536	ng/ul	97
68) Atrazine	16.66	200	698376	40.539	ng/ul	98
69) Pentachlorophenol	16.84	266	507561	50.877	ng/ul	98
70) Phenanthrene	17.23	178	3399556	42.280	ng/ul	99
72) Anthracene	17.32	178	3475031	42.074	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	901842	44.114	ng/uL	98
74) Pentachlorobenzene	14.77	250	894297	43.395	ng/uL	99
75) Carbazole	17.59	167	3160428	42.574	ng/ul	99
76) Di-n-butylphthalate	18.16	149	3741031	39.792	ng/ul	100
77) Fluoranthene	19.24	202	4007270	43.916	ng/ul	100
80) Pyrene	19.61	202	4100016	43.218	ng/ul	99
81) Butylbenzylphthalate	20.51	149	1775338	44.385	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.29	252	1501093	45.029	ng/ul	100
83) Benzo(a)anthracene	21.35	228	4139102	42.564	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	2536865	41.797	ng/ul	98
85) Chrysene	21.40	228	3810803	42.586	ng/ul	99
87) Di-n-octyl phthalate	22.17	149	4296086	44.238	ng/ul	100
88) Benzo(b)fluoranthene	22.96	252	4011652	44.949	ng/ul	100
89) Benzo(k)fluoranthene	23.00	252	3817047	44.011	ng/ul	99
91) Benzo(a)pyrene	23.54	252	3717459	43.655	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.95	276	3810497	38.734	ng/ul	98
93) Dibenzo(a,h)anthracene	25.96	278	3179815	38.843	ng/ul	99
94) Benzo(g,h,i)perylene	26.66	276	3022749	37.405	ng/ul	99

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

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