Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000572.D
Acq On : 09 Oct 2019 16:10
Operator : JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD08012

Manual Integrations APPROVED
mohammad
10/12/2019 7:34:37 AM

Quant Time: Oct 09 17:05:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:55:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	230193	20.00	ng/ul	0.00
18) Naphthalene-d8	8.04	136	881255	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	482867	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.30	188	882969	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	677002	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	818289	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.38	96	176448	29.07	ng/uL	0.00
5) Phenol-d5	6.40	99	1408362	75.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.45	67	683718	73.15	ng/ul	0.01
9) 2-Chlorophenol-d4	6.53	132	1166570	74.19	ng/ul	0.00
13) 4-Methylphenol-d8	7.15	113	1066834	75.58	ng/ul	0.01
19) Nitrobenzene-d5	7.32	128	554920	78.58	ng/ul	0.01
22) 2-Nitrophenol-d4	7.65	143	616728	81.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	1044260	72.59	ng/ul	0.00
29) 4-Chloroaniline-d4	8.10	131	1243736	75.11	ng/ul	0.00
44) Dimethylphthalate-d6	9.50	166	2500337	71.23	ng/ul	0.00
47) Acenaphthylene-d8	9.65	160	3041266	70.33	ng/ul	0.00
52) 4-Nitrophenol-d4	9.93	143	437436	80.24	ng/ul	0.02
58) Fluorene-d10	10.33	176	2088764	69.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.41	200	385459	86.07	ng/ul	0.02
71) Anthracene-d10	11.36	188	2920638	68.68	ng/ul	0.01
79) Pyrene-d10	12.75	212	3032912	74.96	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.37	264	3148508	74.20	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	182648	30.110	ng/uL	97
4) Benzaldehyde	6.30	77	881800	107.633	ng/ul	96
6) Phenol	6.42	94	1411844	74.468	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.49	93	1114624	75.257	ng/ul	100
10) 2-Chlorophenol	6.55	128	1187780	71.320	ng/ul	98
11) 2-Methylphenol	7.02	108	1098634	74.809	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.03	45	986152	73.549	ng/ul	98
14) Acetophenone	7.17	105	1471084	69.950	ng/ul	98
15) N-Nitroso-di-n-propylamine	7.18	70	657859	68.535	ng/ul	98
16) 4-Methylphenol	7.18	108	975971	68.774	ng/ul	98
17) Hexachloroethane	7.27	117	465558	72.316	ng/ul	98
20) Nitrobenzene	7.34	77	1092368	71.809	ng/ul	93
21) Isophorone	7.59	82	2135111	71.957	ng/ul	99
23) 2-Nitrophenol	7.66	139	650282	77.014	ng/ul	100
24) 2,4-Dimethylphenol	7.70	107	1171617	71.166	ng/ul	98
25) Bis(2-Chloroethoxy)methane	7.79	93	1371941	71.202	ng/ul	99
27) 2,4-Dichlorophenol	7.90	162	1005821	70.848	ng/ul	99
28) Naphthalene	8.06	128	3162437	67.134	ng/ul	97
30) 4-Chloroaniline	8.12	127	1234870	72.421	ng/ul	100
31) Hexachlorobutadiene	8.19	225	643817	70.518	ng/ul	98
32) Caprolactam	8.47	113	332493m	73.585	ng/ul	
33) 4-Chloro-3-methylphenol	8.60	107	1019271	71.409	ng/ul	97
34) 2-Methylnaphthalene	8.76	142	2181165	66.865	ng/ul	100

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35) 1-Methylnaphthalene	8.86	142	2084245	67.526	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	8.93	216	1130501	70.044	ng/ul	99
38) Hexachlorocyclopentadiene	8.92	237	469642	96.832	ng/ul	98
39) 2,4,6-Trichlorophenol	9.04	196	745839	74.754	ng/ul	99
40) 2,4,5-Trichlorophenol	9.08	196	802242	74.629	ng/ul	99
41) 1,1'-Biphenyl	9.23	154	2556489	66.138	ng/ul	97
42) 2-Chloronaphthalene	9.25	162	2091444	68.494	ng/ul	97
43) 2-Nitroaniline	9.35	65	516806	73.938	ng/ul	86
45) Dimethylphthalate	9.53	163	2466591	69.493	ng/ul	99
46) 2,6-Dinitrotoluene	9.59	165	570546	79.029	ng/ul	95
48) Acenaphthylene	9.67	152	2977598	65.459	ng/ul	98
49) 3-Nitroaniline	9.76	138	562686	76.952	ng/ul	94
50) Acenaphthene	9.84	153	2101891	66.871	ng/ul	99
51) 2,4-Dinitrophenol	9.87	184	246041	87.692	ng/ul	99
53) 4-Nitrophenol	9.93	109	289980	76.797	ng/ul	93
54) Dibenzofuran	10.02	168	2880103	65.730	ng/ul	99
55) 2,4-Dinitrotoluene	10.00	165	772177	78.487	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	10.13	232	622110	79.937	ng/ul	95
57) Diethylphthalate	10.23	149	2383473	68.898	ng/ul	99
59) Fluorene	10.36	166	2111954	62.692	ng/ul	99
60) 4-Chlorophenyl-phenylether	10.35	204	1134106	65.652	ng/ul	98
61) 4-Nitroaniline	10.39	138	631040	86.582	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	392469	81.084	ng/ul	96
65) N-Nitrosodiphenylamine	10.47	169	1997930	66.920	ng/ul	98
66) 4-Bromophenyl-phenylether	10.85	248	783542	72.075	ng/ul	97
67) Hexachlorobenzene	10.92	284	817822	71.222	ng/ul	99
68) Atrazine	11.01	200	766967	75.371	ng/ul	97
69) Pentachlorophenol	11.11	266	395527	83.979	ng/ul	97
70) Phenanthrene	11.33	178	3403675	66.924	ng/ul	97
72) Anthracene	11.38	178	3307782	64.483	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	9.21	216	1113000	70.506	ng/uL	100
74) Pentachlorobenzene	9.97	250	1030020	70.378	ng/uL	99
75) Carbazole	11.53	167	3194879	72.882	ng/ul	98
76) Di-n-butylphthalate	11.87	149	3618059	67.794	ng/ul	99
77) Fluoranthene	12.53	202	3750181	72.985	ng/ul	98
80) Pyrene	12.76	202	3575697	69.628	ng/ul#	94
81) Butylbenzylphthalate	13.39	149	1683984	77.519	ng/ul	96
82) 3,3'-Dichlorobenzidine	13.93	252	1441623	84.301	ng/ul	99
83) Benzo(a)anthracene	13.97	228	3248872	67.424	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1877603	66.655	ng/ul#	97
85) Chrysene	14.00	228	3133376	69.816	ng/ul	96
87) Di-n-octyl phthalate	14.58	149	3697960	73.872	ng/ul	100
88) Benzo(b)fluoranthene	15.03	252	3688044	70.313	ng/ul	99
89) Benzo(k)fluoranthene	15.06	252	3320666	68.345	ng/ul	98
91) Benzo(a)pyrene	15.40	252	3405863	69.630	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.93	276	4196474	73.591	ng/ul	99
93) Dibenzo(a,h)anthracene	16.96	278	3346403	71.692	ng/ul	99
94) Benzo(g,h,i)perylene	17.38	276	3533749	74.110	ng/ul	100

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

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