Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116988.D
Acq On : 12 Sep 2019 12:58
Operator : HP/JU
Sample : PB122916BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122916BS

Manual Integrations APPROVED
mohammad
9/24/2019 8:33:07 AM

Quant Time: Sep 12 14:37:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80004	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	331790	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	176014	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	276172	20.00	ng		0.00
76) Chrysene-d12	13.97	240	171224	20.00	ng		0.00
87) Perylene-d12	15.42	264	147169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	633850	128.35	ng		0.02
7) Phenol-d6	6.47	99	820472	126.53	ng		0.00
23) Nitrobenzene-d5	7.39	82	488057	83.97	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	181607	154.34	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	853719	81.82	ng		0.00
79) Terphenyl-d14	12.92	244	789442	85.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	104493	45.837	ng		98
3) Pyridine	3.40	79	248784	37.692	ng		98
4) n-Nitrosodimethylamine	3.35	42	96705	42.666	ng		90
6) Aniline	6.49	93	314904	35.062	ng	#	85
8) 2-Chlorophenol	6.62	128	273560	50.745	ng		98
9) Benzaldehyde	6.37	77	172421	40.359	ng		100
10) Phenol	6.48	94	345386	48.100	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	254795	45.572	ng		99
12) 1,3-Dichlorobenzene	6.77	146	284511	46.696	ng		99
13) 1,4-Dichlorobenzene	6.85	146	292214	48.173	ng		98
14) 1,2-Dichlorobenzene	7.00	146	272212	48.424	ng		98
15) Benzyl Alcohol	6.97	79	249596	47.418	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	250038	38.117	ng		99
17) 2-Methylphenol	7.08	107	232603	49.289	ng		99
18) Hexachloroethane	7.34	117	113302	48.076	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	194099	45.460	ng		99
20) 3+4-Methylphenols	7.23	107	283484	51.664	ng		98
22) Acetophenone	7.23	105	398112	49.839	ng		97
24) Nitrobenzene	7.40	77	303888	51.410	ng		94
25) Isophorone	7.65	82	548972	46.614	ng		99
26) 2-Nitrophenol	7.72	139	143561	65.326	ng		99
27) 2,4-Dimethylphenol	7.76	122	239782	54.026	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	331064	46.001	ng		99
29) 2,4-Dichlorophenol	7.96	162	224244	52.574	ng		100
30) 1,2,4-Trichlorobenzene	8.05	180	221247	47.824	ng		99
31) Naphthalene	8.13	128	778179	49.324	ng		100
32) Benzoic acid	7.90	122	141393	56.421	ng		93
33) 4-Chloroaniline	8.17	127	190023	26.460	ng		96
34) Hexachlorobutadiene	8.25	225	123283	48.874	ng		98
35) Caprolactam	8.55	113	71681m	44.906	ng		
36) 4-Chloro-3-methylphenol	8.66	107	262210	53.487	ng		95
37) 2-Methylnaphthalene	8.82	142	536582	51.116	ng		98
38) 1-Methylnaphthalene	8.92	142	489773	49.425	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	202303	47.946	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219119	89.930	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	144096	49.819	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	157934	52.596	ng		96
46) 1,1'-Biphenyl	9.28	154	623182	46.659	ng		99
47) 2-Chloronaphthalene	9.30	162	486227	45.963	ng		97
48) 2-Nitroaniline	9.40	65	158433	51.804	ng		96
49) Acenaphthylene	9.72	152	768084	48.033	ng		100
50) Dimethylphthalate	9.58	163	566741	46.638	ng		100
51) 2,6-Dinitrotoluene	9.64	165	127652	55.058	ng	#	80
52) Acenaphthene	9.89	154	447888	45.585	ng		100
53) 3-Nitroaniline	9.81	138	93268	32.100	ng		96
54) 2,4-Dinitrophenol	9.92	184	99388	116.199	ng	#	91
55) Dibenzofuran	10.06	168	675557	48.773	ng		99
56) 4-Nitrophenol	9.98	139	202149	101.466	ng		95
57) 2,4-Dinitrotoluene	10.05	165	169749	59.877	ng		90
58) Fluorene	10.40	166	530947	50.308	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	121736	56.173	ng		99
60) Diethylphthalate	10.28	149	562638	46.222	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	232353	50.276	ng		97
62) 4-Nitroaniline	10.43	138	142213	50.435	ng		99
63) Azobenzene	10.56	77	589993	46.483	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	70292	65.832	ng		96
66) n-Nitrosodiphenylamine	10.52	169	468611	49.050	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	134901	48.084	ng		98
68) Hexachlorobenzene	10.96	284	141225	48.112	ng		98
69) Atrazine	11.04	200	131062	48.981	ng		98
70) Pentachlorophenol	11.15	266	158534	111.647	ng		99
71) Phenanthrene	11.37	178	751439	48.879	ng		99
72) Anthracene	11.42	178	774585	50.052	ng		99
73) Carbazole	11.57	167	711457	48.262	ng		100
74) Di-n-butylphthalate	11.90	149	871541	46.118	ng		100
75) Fluoranthene	12.55	202	739249	48.930	ng		99
77) Benzidine	12.67	184	330973	49.283	ng		99
78) Pyrene	12.78	202	745105	48.953	ng		99
80) Butylbenzylphthalate	13.39	149	337623	45.614	ng		100
81) Benzo(a)anthracene	13.96	228	536367	49.495	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	134883	36.831	ng		93
83) Chrysene	14.00	228	525601	47.078	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	435911	47.709	ng		98
85) Di-n-octyl phthalate	14.56	149	683121	45.687	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	422248	47.086	ng		99
88) Benzo(b)fluoranthene	15.00	252	447861	50.335	ng		99
89) Benzo(k)fluoranthene	15.03	252	388667m	47.909	ng		
90) Benzo(a)pyrene	15.36	252	390292	50.419	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	355818	52.513	ng		97
92) Benzo(g,h,i)perylene	17.29	276	354041	51.233	ng		96

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

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