Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118085.D
Acq On : 4 Dec 2019 14:40
Operator : JU
Sample : PB125225BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125225BSD

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:41 AM

Quant Time: Dec 05 01:08:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190280	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	783619	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	400532	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	824220	20.00	ng		0.00
76) Chrysene-d12	14.08	240	509365	20.00	ng		0.00
87) Perylene-d12	15.57	264	399119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1141304	106.17	ng		0.02
7) Phenol-d6	6.52	99	1486338	114.64	ng		0.00
23) Nitrobenzene-d5	7.45	82	848010	64.33	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	628706	148.27	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1726261	77.32	ng		0.00
79) Terphenyl-d14	13.02	244	1973849	70.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	166150	33.066	ng		99
3) Pyridine	3.49	79	402925	30.569	ng		99
4) n-Nitrosodimethylamine	3.43	42	206139	35.827	ng		89
6) Aniline	6.54	93	467090	27.261	ng		99
8) 2-Chlorophenol	6.67	128	533929	45.775	ng		99
9) Benzaldehyde	6.43	77	178869	17.491	ng		98
10) Phenol	6.53	94	600930	44.601	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	457061	42.244	ng		96
12) 1,3-Dichlorobenzene	6.82	146	577183	42.031	ng		99
13) 1,4-Dichlorobenzene	6.90	146	600496	43.261	ng		98
14) 1,2-Dichlorobenzene	7.05	146	580889	43.757	ng		99
15) Benzyl Alcohol	7.02	79	470749	47.027	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583920	35.053	ng		99
17) 2-Methylphenol	7.13	107	457521	46.318	ng		99
18) Hexachloroethane	7.39	117	216556	42.469	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	340900	42.618	ng		98
20) 3+4-Methylphenols	7.29	107	531452	43.342	ng		97
22) Acetophenone	7.29	105	712451	40.467	ng	#	95
24) Nitrobenzene	7.46	77	566145	41.631	ng		98
25) Isophorone	7.70	82	997872	41.301	ng		99
26) 2-Nitrophenol	7.78	139	333585	50.398	ng		99
27) 2,4-Dimethylphenol	7.82	122	493643	47.995	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	650573	42.433	ng		99
29) 2,4-Dichlorophenol	8.03	162	482017	43.205	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	536950	41.493	ng		98
31) Naphthalene	8.19	128	1614994	44.208	ng		99
32) Benzoic acid	7.95	122	339587	39.432	ng		99
33) 4-Chloroaniline	8.23	127	408565	24.982	ng		99
34) Hexachlorobutadiene	8.30	225	308282	40.745	ng		98
35) Caprolactam	8.62	113	148273m	41.818	ng		
36) 4-Chloro-3-methylphenol	8.73	107	518331	45.779	ng		93
37) 2-Methylnaphthalene	8.89	142	1123476	45.516	ng		98
38) 1-Methylnaphthalene	8.99	142	1051132	45.044	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	481232	41.372	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	431021	66.123 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	368538	44.235 ng	100
44) 2,4,5-Trichlorophenol	9.21	196	379026	43.816 ng	98
46) 1,1'-Biphenyl	9.35	154	1358082	45.702 ng	99
47) 2-Chloronaphthalene	9.37	162	1038502	42.482 ng	99
48) 2-Nitroaniline	9.47	65	301403	40.839 ng	92
49) Acenaphthylene	9.80	152	1650836	46.319 ng	99
50) Dimethylphthalate	9.65	163	1260384	44.874 ng	99
51) 2,6-Dinitrotoluene	9.72	165	284953	46.421 ng	94
52) Acenaphthene	9.97	154	915874	40.115 ng	99
53) 3-Nitroaniline	9.89	138	202719	27.599 ng	99
54) 2,4-Dinitrophenol	10.00	184	268181	84.573 ng	97
55) Dibenzofuran	10.14	168	1458695	46.138 ng	99
56) 4-Nitrophenol	10.06	139	440817	80.401 ng	97
57) 2,4-Dinitrotoluene	10.13	165	384049	49.183 ng	96
58) Fluorene	10.49	166	1113205	45.437 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	304211	42.801 ng	98
60) Diethylphthalate	10.36	149	1269868	46.374 ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	564950	45.438 ng	94
62) 4-Nitroaniline	10.50	138	292261	39.739 ng	96
63) Azobenzene	10.63	77	1114937	44.755 ng	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	200435	52.091 ng	96
66) n-Nitrosodiphenylamine	10.59	169	1035519	43.170 ng	97
67) 4-Bromophenyl-phenylether	10.97	248	345723	38.875 ng	92
68) Hexachlorobenzene	11.04	284	410855	39.620 ng	95
69) Atrazine	11.12	200	339174	42.984 ng	100
70) Pentachlorophenol	11.23	266	459861	75.904 ng	98
71) Phenanthrene	11.45	178	1798666	43.405 ng	98
72) Anthracene	11.50	178	1771356	43.114 ng	99
73) Carbazole	11.66	167	1460182	40.670 ng	99
74) Di-n-butylphthalate	11.99	149	1940710	43.414 ng	99
75) Fluoranthene	12.65	202	1528937	39.617 ng	99
77) Benzidine	12.76	184	220623	13.223 ng	98
78) Pyrene	12.87	202	1717672	41.727 ng	99
80) Butylbenzylphthalate	13.49	149	719164	40.676 ng	98
81) Benzo(a)anthracene	14.07	228	1376363	40.891 ng	100
82) 3,3'-Dichlorobenzidine	14.03	252	366385	31.118 ng	100
83) Chrysene	14.11	228	1372516	42.081 ng	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	968931	45.204 ng	99
85) Di-n-octyl phthalate	14.66	149	1695086	53.830 ng	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1279229	46.083 ng	98
88) Benzo(b)fluoranthene	15.13	252	1423192	54.884 ng	99
89) Benzo(k)fluoranthene	15.17	252	1279396	52.364 ng	99
90) Benzo(a)pyrene	15.52	252	1107270	48.560 ng	100
91) Dibenzo(a,h)anthracene	17.12	278	1088733	55.473 ng	99
92) Benzo(g,h,i)perylene	17.56	276	1067771	54.622 ng	98

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

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