Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118002.D
Acq On : 26 Nov 2019 13:01
Operator : JU
Sample : PB125092BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125092BS

Manual Integrations APPROVED
jagrut
11/27/2019 11:33:30 PM

Quant Time: Nov 27 03:56:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188456	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	804032	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	446151	20.00	ng		0.00
64) Phenanthrene-d10	11.44	188	813925	20.00	ng		0.00
76) Chrysene-d12	14.09	240	560885	20.00	ng		0.00
87) Perylene-d12	15.59	264	513155	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1264940	118.81	ng		0.02
7) Phenol-d6	6.53	99	1597394	124.39	ng		0.00
23) Nitrobenzene-d5	7.46	82	871398	64.43	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	572811	121.27	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1725439	69.38	ng		0.00
79) Terphenyl-d14	13.03	244	1943990	63.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	158968	31.943	ng		96
3) Pyridine	3.51	79	425210	32.572	ng		93
4) n-Nitrosodimethylamine	3.46	42	216427	37.979	ng		93
6) Aniline	6.56	93	633662	37.341	ng		99
8) 2-Chlorophenol	6.68	128	537579	46.534	ng		99
9) Benzaldehyde	6.44	77	252900	27.711	ng		98
10) Phenol	6.54	94	640837m	48.024	ng		
11) bis(2-Chloroethyl)ether	6.63	93	469834	43.844	ng		99
12) 1,3-Dichlorobenzene	6.83	146	564656	41.516	ng		97
13) 1,4-Dichlorobenzene	6.91	146	576056	41.902	ng		98
14) 1,2-Dichlorobenzene	7.06	146	546013	41.528	ng		99
15) Benzyl Alcohol	7.03	79	470367	47.443	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	625740	37.927	ng		95
17) 2-Methylphenol	7.15	107	461983	47.222	ng		99
18) Hexachloroethane	7.41	117	207210	41.030	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	356680	45.023	ng		97
20) 3+4-Methylphenols	7.30	107	548974	45.204	ng	#	84
22) Acetophenone	7.30	105	724232	40.092	ng	#	93
24) Nitrobenzene	7.48	77	565731	40.545	ng		98
25) Isophorone	7.72	82	1038178	41.879	ng		99
26) 2-Nitrophenol	7.79	139	318694	46.926	ng		96
27) 2,4-Dimethylphenol	7.83	122	522237	49.486	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	618497	39.317	ng		100
29) 2,4-Dichlorophenol	8.04	162	484267	42.305	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	509309	38.358	ng		100
31) Naphthalene	8.20	128	1593970	42.525	ng		99
32) Benzoic acid	7.97	122	365010	41.308	ng		98
33) 4-Chloroaniline	8.25	127	475785	28.353	ng		97
34) Hexachlorobutadiene	8.32	225	296755	38.226	ng		99
35) Caprolactam	8.63	113	144598m	39.746	ng		
36) 4-Chloro-3-methylphenol	8.74	107	513226	44.178	ng		97
37) 2-Methylnaphthalene	8.90	142	1107309	43.722	ng		99
38) 1-Methylnaphthalene	9.00	142	1039324	43.408	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	485518	37.472	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	586357	80.755	ng	97
43) 2,4,6-Trichlorophenol	9.17	196	360461	38.841	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	383125	39.762	ng	99
46) 1,1'-Biphenyl	9.36	154	1330315	40.190	ng	99
47) 2-Chloronaphthalene	9.39	162	1045349	38.390	ng	99
48) 2-Nitroaniline	9.49	65	303827	36.958	ng	92
49) Acenaphthylene	9.81	152	1644215	41.416	ng	100
50) Dimethylphthalate	9.67	163	1263759	40.394	ng	99
51) 2,6-Dinitrotoluene	9.73	165	292700	42.807	ng	94
52) Acenaphthene	9.98	154	952690	37.461	ng	99
53) 3-Nitroaniline	9.90	138	238865	29.195	ng	100
54) 2,4-Dinitrophenol	10.01	184	292326	82.916	ng	91
55) Dibenzofuran	10.16	168	1431985	40.662	ng	98
56) 4-Nitrophenol	10.07	139	475965	77.936	ng	95
57) 2,4-Dinitrotoluene	10.14	165	374211	43.023	ng	96
58) Fluorene	10.50	166	1101554	40.364	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	319294	40.330	ng	99
60) Diethylphthalate	10.37	149	1235771	40.515	ng	100
61) 4-Chlorophenyl-phenylether	10.49	204	553658	39.977	ng	97
62) 4-Nitroaniline	10.52	138	316989	38.695	ng	98
63) Azobenzene	10.65	77	1097633	39.555	ng	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	206238	54.278	ng	94
66) n-Nitrosodiphenylamine	10.61	169	1001821	42.293	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	357404	40.697	ng	96
68) Hexachlorobenzene	11.05	284	417295	40.750	ng	96
69) Atrazine	11.14	200	357713	45.907	ng	99
70) Pentachlorophenol	11.24	266	464978	77.720	ng	100
71) Phenanthrene	11.47	178	1659399	40.551	ng	99
72) Anthracene	11.52	178	1719379	42.378	ng	99
73) Carbazole	11.67	167	1497621	42.240	ng	99
74) Di-n-butylphthalate	12.00	149	1832686	41.516	ng	100
75) Fluoranthene	12.66	202	1728117	46.651	ng	98
77) Benzidine	12.77	184	798738	43.475	ng	99
78) Pyrene	12.89	202	1727049	38.101	ng	99
80) Butylbenzylphthalate	13.50	149	767238	39.409	ng	99
81) Benzo(a)anthracene	14.08	228	1464819	39.521	ng	99
82) 3,3'-Dichlorobenzidine	14.04	252	435390	33.583	ng	99
83) Chrysene	14.12	228	1382254	38.487	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	1013664	42.947	ng	99
85) Di-n-octyl phthalate	14.68	149	1614474	46.561	ng	97
86) Indeno(1,2,3-cd)pyrene	17.12	276	1274764	41.704	ng	99
88) Benzo(b)fluoranthene	15.15	252	1320228	39.599	ng	98
89) Benzo(k)fluoranthene	15.18	252	1230132	39.159	ng	98
90) Benzo(a)pyrene	15.53	252	1131314	38.589	ng	99
91) Dibenzo(a,h)anthracene	17.14	278	1057916	41.925	ng	97
92) Benzo(g,h,i)perylene	17.59	276	1040892	41.414	ng	98

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

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