Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118122.D
Acq On : 7 Dec 2019 12:00
Operator : JU
Sample : PB125281BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125281BS

Manual Integrations APPROVED
mohammad
12/10/2019 11:47:23 AM

Quant Time: Dec 09 06:31:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181967	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	775625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	409900	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	759320	20.00	ng	0.00
76) Chrysene-d12	14.06	240	527648	20.00	ng	0.00
87) Perylene-d12	15.55	264	320283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1130904	108.85	ng	0.01
7) Phenol-d6	6.51	99	1382167	109.99	ng	0.01
23) Nitrobenzene-d5	7.43	82	722543	52.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	499603	100.33	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1480005	54.94	ng	0.00
79) Terphenyl-d14	13.00	244	1702119	55.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	110115	25.136	ng	97
3) Pyridine	3.47	79	254651	22.531	ng	100
4) n-Nitrosodimethylamine	3.41	42	169776	34.918	ng	95
6) Aniline	6.53	93	395002	24.573	ng	99
8) 2-Chlorophenol	6.66	128	468056	39.954	ng	97
9) Benzaldehyde	6.42	77	67094	5.499	ng	96
10) Phenol	6.52	94	544646	38.005	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	413657	39.910	ng	97
12) 1,3-Dichlorobenzene	6.81	146	446003	32.590	ng	98
13) 1,4-Dichlorobenzene	6.89	146	466110	33.824	ng	99
14) 1,2-Dichlorobenzene	7.04	146	449693	34.749	ng	97
15) Benzyl Alcohol	7.02	79	394110	40.177	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	459486	36.870	ng	98
17) 2-Methylphenol	7.13	107	369414	39.647	ng	98
18) Hexachloroethane	7.38	117	170546	33.587	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	295782	38.735	ng	99
20) 3+4-Methylphenols	7.28	107	461370	39.421	ng	92
22) Acetophenone	7.28	105	626148	33.602	ng	99
24) Nitrobenzene	7.46	77	463038	34.184	ng	97
25) Isophorone	7.70	82	826690	35.371	ng	100
26) 2-Nitrophenol	7.77	139	264573	36.543	ng	93
27) 2,4-Dimethylphenol	7.81	122	398435	41.258	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	507370	33.222	ng	99
29) 2,4-Dichlorophenol	8.02	162	393262	34.931	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	427370	32.482	ng	99
31) Naphthalene	8.18	128	1326442	34.052	ng	99
32) Benzoic acid	7.95	122	324877	37.258	ng	95
33) 4-Chloroaniline	8.23	127	345755	20.557	ng	98
34) Hexachlorobutadiene	8.29	225	250234	31.717	ng	99
35) Caprolactam	8.61	113	119151m	34.319	ng	
36) 4-Chloro-3-methylphenol	8.72	107	420615	35.502	ng	98
37) 2-Methylnaphthalene	8.87	142	918991	34.848	ng	99
38) 1-Methylnaphthalene	8.97	142	852453	34.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	405155	32.628	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304603	54.750	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	288929	34.849	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	307410	35.788	ng		97
46) 1,1'-Biphenyl	9.34	154	1095217	33.878	ng		98
47) 2-Chloronaphthalene	9.36	162	856639	32.941	ng		98
48) 2-Nitroaniline	9.46	65	244848	33.016	ng		97
49) Acenaphthylene	9.78	152	1332305	34.735	ng		100
50) Dimethylphthalate	9.64	163	1018409	33.636	ng		98
51) 2,6-Dinitrotoluene	9.70	165	229782	34.902	ng		98
52) Acenaphthene	9.95	154	785225	33.541	ng		100
53) 3-Nitroaniline	9.87	138	179774	23.203	ng		99
54) 2,4-Dinitrophenol	9.99	184	249291	76.110	ng		94
55) Dibenzofuran	10.13	168	1185735	34.566	ng		100
56) 4-Nitrophenol	10.05	139	375905	69.911	ng		98
57) 2,4-Dinitrotoluene	10.11	165	310578	35.344	ng		97
58) Fluorene	10.47	166	931650	34.175	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	256104	36.139	ng		99
60) Diethylphthalate	10.34	149	1027977	34.461	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	464959	33.898	ng		95
62) 4-Nitroaniline	10.49	138	223186	27.620	ng		98
63) Azobenzene	10.62	77	876059	34.402	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	169911	40.519	ng		97
66) n-Nitrosodiphenylamine	10.58	169	823296	34.720	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	293787	33.894	ng	#	92
68) Hexachlorobenzene	11.02	284	338099	33.140	ng		96
69) Atrazine	11.11	200	250316	37.369	ng		98
70) Pentachlorophenol	11.22	266	378096	78.806	ng		99
71) Phenanthrene	11.44	178	1377823	34.134	ng		100
72) Anthracene	11.49	178	1418591	35.230	ng		100
73) Carbazole	11.65	167	1220283	33.777	ng		99
74) Di-n-butylphthalate	11.97	149	1588759	35.138	ng		99
75) Fluoranthene	12.63	202	1420449	34.419	ng		99
77) Benzidine	12.75	184	40995	2.951	ng		99
78) Pyrene	12.86	202	1424331	34.254	ng		100
80) Butylbenzylphthalate	13.47	149	653487	34.702	ng		98
81) Benzo(a)anthracene	14.05	228	1195704	32.772	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	351219	29.311	ng		98
83) Chrysene	14.09	228	1135818	32.590	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	875507	35.258	ng		98
85) Di-n-octyl phthalate	14.65	149	1301542	34.602	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	897165	30.594	ng		100
88) Benzo(b)fluoranthene	15.12	252	960691	45.353	ng		96
89) Benzo(k)fluoranthene	15.14	252	910623	44.750	ng		97
90) Benzo(a)pyrene	15.49	252	791034	42.283	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	768194	47.874	ng		99
92) Benzo(g,h,i)perylene	17.52	276	771928	50.062	ng		99

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

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