Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092520\
Data File : BF121695.D
Acq On : 25 Sep 2020 14:37
Operator : JU/CG
Sample : PB131888BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131888BS

Manual Integrations APPROVED
mohammad
9/28/2020 11:10:28 AM

Quant Time: Sep 25 15:53:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 14:15:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	154503	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	624918	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	349432	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	679672	20.00	ng		0.00
76) Chrysene-d12	13.97	240	547072	20.00	ng		0.00
86) Perylene-d12	15.42	264	503014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	978033	94.07	ng		0.01
7) Phenol-d6	6.44	99	1283029	94.07	ng		0.00
23) Nitrobenzene-d5	7.37	82	1097687	94.31	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	436100	100.42	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1976887	85.68	ng		0.00
79) Terphenyl-d14	12.92	244	2007112	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	172631	36.144	ng		99
3) Pyridine	3.37	79	396590	30.036	ng		100
4) n-Nitrosodimethylamine	3.33	42	220698	36.034	ng		99
6) Aniline	6.46	93	478613	26.943	ng		96
8) 2-Chlorophenol	6.59	128	406896	38.441	ng		99
9) Benzaldehyde	6.35	77	231745	25.991	ng		99
10) Phenol	6.45	94	521208	35.885	ng		88
11) bis(2-Chloroethyl)ether	6.54	93	410167	37.469	ng		97
12) 1,3-Dichlorobenzene	6.74	146	438382	37.105	ng		98
13) 1,4-Dichlorobenzene	6.82	146	445835	37.582	ng		98
14) 1,2-Dichlorobenzene	6.97	146	403026	36.879	ng		97
15) Benzyl Alcohol	6.95	79	357245	38.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	647150	36.738	ng		98
17) 2-Methylphenol	7.06	107	354298	39.339	ng		99
18) Hexachloroethane	7.31	117	164496	38.726	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	303285	38.582	ng		99
20) 3+4-Methylphenols	7.22	107	418041	38.632	ng	#	89
22) Acetophenone	7.21	105	566972	35.759	ng		99
24) Nitrobenzene	7.39	77	453124	35.996	ng		96
25) Isophorone	7.63	82	850934	36.319	ng		98
26) 2-Nitrophenol	7.70	139	216186	37.094	ng		96
27) 2,4-Dimethylphenol	7.74	122	379182	36.256	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	528081	36.408	ng		100
29) 2,4-Dichlorophenol	7.95	162	355742	37.346	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	367623	36.644	ng		98
31) Naphthalene	8.10	128	1183881	35.888	ng		100
32) Benzoic acid	7.89	122	225714	31.683	ng		99
33) 4-Chloroaniline	8.16	127	340566	23.816	ng		97
34) Hexachlorobutadiene	8.22	225	220824	37.501	ng		99
35) Caprolactam	8.53	113	116602m	36.758	ng		
36) 4-Chloro-3-methylphenol	8.65	107	390905	38.095	ng		98
37) 2-Methylnaphthalene	8.80	142	802308	37.112	ng		99
38) 1-Methylnaphthalene	8.90	142	756849	37.617	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	377682	34.602	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 14:15:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	404382	64.874	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	265882	35.737	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	279384	35.522	ng		99
46) 1,1'-Biphenyl	9.26	154	975475	34.870	ng		99
47) 2-Chloronaphthalene	9.29	162	751620	34.096	ng		99
48) 2-Nitroaniline	9.39	65	257570	37.600	ng		94
49) Acenaphthylene	9.70	152	1208455	35.678	ng		99
50) Dimethylphthalate	9.57	163	932859	36.834	ng		100
51) 2,6-Dinitrotoluene	9.63	165	206039	38.200	ng		91
52) Acenaphthene	9.87	154	694301	32.454	ng		99
53) 3-Nitroaniline	9.80	138	153807	24.616	ng		99
54) 2,4-Dinitrophenol	9.91	184	192499	63.928	ng		99
55) Dibenzofuran	10.05	168	1051363	34.898	ng		99
56) 4-Nitrophenol	9.97	139	321766	64.573	ng		97
57) 2,4-Dinitrotoluene	10.03	165	270181	39.817	ng		99
58) Fluorene	10.39	166	807222	35.037	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	241931	37.836	ng		99
60) Diethylphthalate	10.27	149	931281	37.715	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	407206	36.896	ng		98
62) 4-Nitroaniline	10.42	138	220787	35.589	ng		96
63) Azobenzene	10.54	77	933594	35.504	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	142676	36.178	ng		87
66) n-Nitrosodiphenylamine	10.50	169	796274	34.148	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	278861	36.036	ng	#	93
68) Hexachlorobenzene	10.94	284	315277	36.102	ng		96
69) Atrazine	11.03	200	244458	42.197	ng		99
70) Pentachlorophenol	11.13	266	319387	66.594	ng		98
71) Phenanthrene	11.35	178	1259857	34.021	ng		100
72) Anthracene	11.40	178	1290915	33.781	ng		99
73) Carbazole	11.56	167	1158995	33.608	ng		99
74) Di-n-butylphthalate	11.89	149	1480613	37.200	ng		100
75) Fluoranthene	12.54	202	1370041	34.658	ng		100
77) Benzidine	12.66	184	819523	45.186	ng		100
78) Pyrene	12.77	202	1403665	35.117	ng		99
80) Butylbenzylphthalate	13.39	149	645376	39.923	ng		98
81) Benzo(a)anthracene	13.96	228	1203448	34.771	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	305378	22.601	ng		98
83) Chrysene	14.00	228	1195831	34.120	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	863250	39.973	ng		99
85) Di-n-octyl phthalate	14.56	149	1558010	40.880	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1177811	35.955	ng		100
88) Benzo(b)fluoranthene	15.00	252	1244719	37.015	ng		99
89) Benzo(k)fluoranthene	15.03	252	1083351	35.181	ng		99
90) Benzo(a)pyrene	15.36	252	1051849	36.798	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	987970	36.231	ng		100
92) Benzo(g,h,i)perylene	17.29	276	951909	35.513	ng		99

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

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