Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120829.D
Acq On : 10 Jul 2020 14:05
Operator : JU/CG
Sample : PB130090BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130090BS

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:37 PM

Quant Time: Jul 10 14:55:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133100	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	492447	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	233855	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	398152	20.00	ng		0.00
76) Chrysene-d12	14.01	240	277195	20.00	ng		0.00
86) Perylene-d12	15.46	264	240732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1164547	135.06	ng		0.01
7) Phenol-d6	6.47	99	1396809	126.85	ng		0.00
23) Nitrobenzene-d5	7.41	82	888521	104.54	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	347966	148.11	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1527921	98.85	ng		0.00
79) Terphenyl-d14	12.96	244	1525002	107.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	163806	41.589	ng		98
3) Pyridine	3.39	79	451536	41.853	ng		99
4) n-Nitrosodimethylamine	3.34	42	236200	43.764	ng		96
6) Aniline	6.51	93	535320	37.855	ng		99
8) 2-Chlorophenol	6.63	128	416896	45.414	ng		97
9) Benzaldehyde	6.39	77	132996	20.308	ng		97
10) Phenol	6.49	94	498705m	44.027	ng		
11) bis(2-Chloroethyl)ether	6.59	93	411351	44.628	ng		96
12) 1,3-Dichlorobenzene	6.79	146	451155	44.649	ng		97
13) 1,4-Dichlorobenzene	6.86	146	451709	44.633	ng		98
14) 1,2-Dichlorobenzene	7.02	146	424345	44.071	ng		99
15) Benzyl Alcohol	6.99	79	344489	41.639	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	599363	41.689	ng		99
17) 2-Methylphenol	7.10	107	331841	40.407	ng		98
18) Hexachloroethane	7.36	117	174459	45.864	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	282859	42.664	ng		97
20) 3+4-Methylphenols	7.25	107	406840	40.223	ng	#	88
22) Acetophenone	7.26	105	547643	44.741	ng	#	96
24) Nitrobenzene	7.43	77	444544	46.581	ng		99
25) Isophorone	7.67	82	770759	42.049	ng		99
26) 2-Nitrophenol	7.75	139	192500	47.982	ng		94
27) 2,4-Dimethylphenol	7.78	122	342745	46.841	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	491547	45.310	ng		99
29) 2,4-Dichlorophenol	7.99	162	323594	44.299	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	371860	45.323	ng		99
31) Naphthalene	8.15	128	1175814	44.678	ng		100
32) Benzoic acid	7.89	122	206341	40.596	ng		99
33) 4-Chloroaniline	8.20	127	290898	26.048	ng		98
34) Hexachlorobutadiene	8.27	225	221781	44.945	ng		99
35) Caprolactam	8.56	113	89501m	42.049	ng		
36) 4-Chloro-3-methylphenol	8.67	107	334927	44.078	ng		97
37) 2-Methylnaphthalene	8.85	142	769779	44.995	ng		99
38) 1-Methylnaphthalene	8.95	142	723898	45.172	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	330044	46.698	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	9.00	237	421972	101.051	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	221828	46.061	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	237390	44.416	ng		99
46) 1,1'-Biphenyl	9.31	154	888106	47.081	ng		99
47) 2-Chloronaphthalene	9.33	162	702700	46.499	ng		99
48) 2-Nitroaniline	9.43	65	211374	46.783	ng		94
49) Acenaphthylene	9.75	152	1065166	44.957	ng		99
50) Dimethylphthalate	9.61	163	768978	45.077	ng		99
51) 2,6-Dinitrotoluene	9.67	165	161502	47.653	ng		86
52) Acenaphthene	9.92	154	721652	49.098	ng		99
53) 3-Nitroaniline	9.83	138	120034	29.729	ng		99
54) 2,4-Dinitrophenol	9.94	184	124873	91.997	ng		96
55) Dibenzofuran	10.09	168	958454	45.238	ng		99
56) 4-Nitrophenol	9.99	139	282157	89.922	ng		92
57) 2,4-Dinitrotoluene	10.07	165	210298	49.681	ng		89
58) Fluorene	10.43	166	720259	45.672	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189128m	47.552	ng		
60) Diethylphthalate	10.31	149	770520	43.359	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	354481	44.714	ng		96
62) 4-Nitroaniline	10.45	138	169335	46.719	ng		94
63) Azobenzene	10.59	77	794774	43.720	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	81545	48.601	ng		86
66) n-Nitrosodiphenylamine	10.55	169	637004	47.733	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	208734	45.194	ng		98
68) Hexachlorobenzene	10.98	284	235834	48.661	ng		93
69) Atrazine	11.07	200	175731	51.114	ng		98
70) Pentachlorophenol	11.17	266	270376	98.604	ng		98
71) Phenanthrene	11.40	178	1005533	46.545	ng		99
72) Anthracene	11.45	178	1034384	47.383	ng		100
73) Carbazole	11.60	167	926946	44.186	ng		99
74) Di-n-butylphthalate	11.93	149	1149035	44.241	ng		100
75) Fluoranthene	12.58	202	1025156	44.546	ng		100
77) Benzidine	12.70	184	446755	57.100	ng		99
78) Pyrene	12.81	202	1042670	47.098	ng		99
80) Butylbenzylphthalate	13.43	149	415553	43.477	ng		97
81) Benzo(a)anthracene	14.00	228	825580	46.463	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	198256	33.063	ng	#	97
83) Chrysene	14.03	228	833635	45.995	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	559076	44.606	ng		100
85) Di-n-octyl phthalate	14.61	149	920257	41.503	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	789787	51.149	ng		99
88) Benzo(b)fluoranthene	15.04	252	728346	46.021	ng		99
89) Benzo(k)fluoranthene	15.07	252	748109	48.579	ng		100
90) Benzo(a)pyrene	15.40	252	659037	46.681	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	676146	52.539	ng		99
92) Benzo(g,h,i)perylene	17.36	276	616063	52.378	ng		98

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

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