Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121097.D
Acq On : 29 Jul 2020 12:36
Operator : JU/CG
Sample : PB130537BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Manual Integrations APPROVED
mohammad
7/30/2020 3:33:19 PM

Quant Time: Jul 29 15:13:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	156729	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	609673	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	309200	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	577164	20.00	ng		0.00
76) Chrysene-d12	13.96	240	440417	20.00	ng		0.00
86) Perylene-d12	15.40	264	444266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1190233	124.50	ng		0.01
7) Phenol-d6	6.45	99	1449393	117.36	ng		0.00
23) Nitrobenzene-d5	7.37	82	937174	88.95	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	429699	126.96	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1617256	78.09	ng		0.00
79) Terphenyl-d14	12.91	244	1602365	79.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	137494	31.249	ng		100
3) Pyridine	3.33	79	345949	29.556	ng		99
4) n-Nitrosodimethylamine	3.26	42	182331	36.429	ng		97
6) Aniline	6.47	93	547117	33.939	ng		97
8) 2-Chlorophenol	6.59	128	417645	39.655	ng		97
9) Benzaldehyde	6.35	77	270964	47.606	ng		100
10) Phenol	6.46	94	477436	35.145	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	393430	37.789	ng		99
12) 1,3-Dichlorobenzene	6.75	146	418819	36.673	ng		99
13) 1,4-Dichlorobenzene	6.82	146	426989	37.600	ng		99
14) 1,2-Dichlorobenzene	6.97	146	411769	38.328	ng		98
15) Benzyl Alcohol	6.95	79	329392	37.716	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	538039	35.854	ng		99
17) 2-Methylphenol	7.06	107	327026	35.033	ng		99
18) Hexachloroethane	7.32	117	157350	38.283	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	250076	35.611	ng		100
20) 3+4-Methylphenols	7.22	107	374665	31.551	ng		95
22) Acetophenone	7.22	105	510018	37.274	ng	#	98
24) Nitrobenzene	7.39	77	408261	35.950	ng		98
25) Isophorone	7.63	82	761067	36.192	ng		98
26) 2-Nitrophenol	7.70	139	219621	40.720	ng		96
27) 2,4-Dimethylphenol	7.75	122	357786	40.858	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	483851	37.694	ng		99
29) 2,4-Dichlorophenol	7.95	162	342833	38.313	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	366714	36.938	ng		99
31) Naphthalene	8.11	128	1131598	36.184	ng		99
32) Benzoic acid	7.87	122	225203	34.259	ng		98
33) 4-Chloroaniline	8.16	127	454743	32.596	ng		99
34) Hexachlorobutadiene	8.23	225	211113	36.072	ng		99
35) Caprolactam	8.53	113	108186m	37.701	ng		
36) 4-Chloro-3-methylphenol	8.65	107	347794	37.897	ng		98
37) 2-Methylnaphthalene	8.80	142	767936	37.818	ng		100
38) 1-Methylnaphthalene	8.90	142	719927	37.434	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	349157	38.757	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	403704	81.082	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	248462	39.171	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	263605	36.637	ng		97
46) 1,1'-Biphenyl	9.26	154	920452	39.026	ng		99
47) 2-Chloronaphthalene	9.29	162	713771	37.118	ng		99
48) 2-Nitroaniline	9.38	65	217399	37.410	ng		97
49) Acenaphthylene	9.70	152	1141257	38.203	ng		99
50) Dimethylphthalate	9.56	163	840094	37.661	ng		100
51) 2,6-Dinitrotoluene	9.63	165	187681	39.162	ng		91
52) Acenaphthene	9.87	154	764823m	40.269	ng		
53) 3-Nitroaniline	9.79	138	180595	30.046	ng		97
54) 2,4-Dinitrophenol	9.90	184	189299	69.595	ng		97
55) Dibenzofuran	10.05	168	1008876	36.733	ng		99
56) 4-Nitrophenol	9.96	139	322780	70.695	ng		95
57) 2,4-Dinitrotoluene	10.03	165	247116	39.266	ng		91
58) Fluorene	10.39	166	737868	36.021	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	220688	40.285	ng		98
60) Diethylphthalate	10.26	149	832727	36.907	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	368983	33.772	ng		96
62) 4-Nitroaniline	10.41	138	210159	35.895	ng		98
63) Azobenzene	10.54	77	787202	36.648	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128493	39.230	ng		94
66) n-Nitrosodiphenylamine	10.50	169	705516	38.858	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	243415	37.827	ng		97
68) Hexachlorobenzene	10.93	284	275453	39.571	ng	#	93
69) Atrazine	11.03	200	194883	43.340	ng		99
70) Pentachlorophenol	11.13	266	307217	77.039	ng		98
71) Phenanthrene	11.35	178	1119051	37.699	ng		99
72) Anthracene	11.40	178	1166060	39.121	ng		99
73) Carbazole	11.56	167	1069795	36.166	ng		99
74) Di-n-butylphthalate	11.89	149	1303021	38.172	ng		99
75) Fluoranthene	12.53	202	1233885	37.502	ng		98
77) Benzidine	12.66	184	871785	75.288	ng		100
78) Pyrene	12.76	202	1256422	40.351	ng		100
80) Butylbenzylphthalate	13.38	149	565402	40.733	ng		94
81) Benzo(a)anthracene	13.95	228	1027732	38.536	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	378354	37.604	ng		99
83) Chrysene	13.99	228	1053935	37.605	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	725986	42.414	ng		100
85) Di-n-octyl phthalate	14.55	149	1337789	39.285	ng		99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1167346	37.782	ng		100
88) Benzo(b)fluoranthene	14.99	252	1045835	38.945	ng		99
89) Benzo(k)fluoranthene	15.02	252	1022477	41.749	ng		99
90) Benzo(a)pyrene	15.34	252	946088	38.614	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	970026	38.435	ng		99
92) Benzo(g,h,i)perylene	17.26	276	992521	39.885	ng		98

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

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