Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121424.D
Acq On : 25 Aug 2020 13:13
Operator : JU/CG
Sample : PB131184BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:25 PM

Quant Time: Aug 25 13:53:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156910	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	612953	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	320514	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	605807	20.00	ng		0.00
76) Chrysene-d12	13.86	240	473330	20.00	ng		0.01
86) Perylene-d12	15.27	264	522509	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	919041	96.04	ng		0.03
7) Phenol-d6	6.35	99	1114668	91.25	ng		0.01
23) Nitrobenzene-d5	7.27	82	965747	89.11	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	337850	90.46	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1644663	100.93	ng		0.00
79) Terphenyl-d14	12.80	244	1448265	59.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	171959	39.711	ng		99
3) Pyridine	3.18	79	387484	33.341	ng		99
4) n-Nitrosodimethylamine	3.14	42	188662	39.883	ng		98
6) Aniline	6.36	93	372307	26.394	ng	#	44
8) 2-Chlorophenol	6.49	128	394531	39.447	ng		97
9) Benzaldehyde	6.25	77	238837	34.753	ng		97
10) Phenol	6.36	94	460651	35.963	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	381074	38.629	ng		98
12) 1,3-Dichlorobenzene	6.64	146	420922	37.564	ng		98
13) 1,4-Dichlorobenzene	6.72	146	422586	37.358	ng		99
14) 1,2-Dichlorobenzene	6.87	146	371656	34.500	ng		98
15) Benzyl Alcohol	6.85	79	271140	36.889	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	501634	34.535	ng	#	45
17) 2-Methylphenol	6.97	107	321262	38.929	ng	#	92
18) Hexachloroethane	7.20	117	156808	37.229	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	252727	38.467	ng		99
20) 3+4-Methylphenols	7.13	107	400733	49.909	ng	#	78
22) Acetophenone	7.11	105	538545	37.581	ng	#	95
24) Nitrobenzene	7.29	77	401039	36.306	ng		99
25) Isophorone	7.53	82	737618	37.398	ng		98
26) 2-Nitrophenol	7.60	139	223574	39.465	ng		97
27) 2,4-Dimethylphenol	7.65	122	350486	43.357	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	471572	35.123	ng		99
29) 2,4-Dichlorophenol	7.85	162	332488	37.673	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	361143	35.783	ng		99
31) Naphthalene	8.00	128	1118802	36.675	ng		100
32) Benzoic acid	7.80	122	192569	33.050	ng		98
33) 4-Chloroaniline	8.06	127	340874	25.234	ng		99
34) Hexachlorobutadiene	8.12	225	205268	34.367	ng		99
35) Caprolactam	8.44	113	103869m	35.935	ng		
36) 4-Chloro-3-methylphenol	8.56	107	337650	37.827	ng		97
37) 2-Methylnaphthalene	8.69	142	754157	38.141	ng		100
38) 1-Methylnaphthalene	8.79	142	697977	37.125	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	350692	36.865	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	279499	74.636	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	231681	35.624	ng		100
44) 2,4,5-Trichlorophenol	9.03	196	240564	35.954	ng		97
46) 1,1'-Biphenyl	9.16	154	896051	37.300	ng		99
47) 2-Chloronaphthalene	9.18	162	690929	34.910	ng		99
48) 2-Nitroaniline	9.29	65	217125	34.843	ng		91
49) Acenaphthylene	9.60	152	1096098	37.286	ng		99
50) Dimethylphthalate	9.46	163	808991	34.694	ng		99
51) 2,6-Dinitrotoluene	9.53	165	182915	36.730	ng		98
52) Acenaphthene	9.77	154	633999	35.495	ng		98
53) 3-Nitroaniline	9.70	138	144429	23.184	ng		98
54) 2,4-Dinitrophenol	9.82	184	181505	75.600	ng		95
55) Dibenzofuran	9.94	168	921413	39.792	ng		99
56) 4-Nitrophenol	9.88	139	233086	60.667	ng		98
57) 2,4-Dinitrotoluene	9.93	165	220197	36.244	ng	#	88
58) Fluorene	10.28	166	719148	42.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	202687	35.437	ng		98
60) Diethylphthalate	10.16	149	785786	34.510	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	347992	40.601	ng		98
62) 4-Nitroaniline	10.32	138	205674	32.221	ng		95
63) Azobenzene	10.43	77	753184	35.613	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	132213	40.809	ng		87
66) n-Nitrosodiphenylamine	10.40	169	682722	36.536	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	233273	34.713	ng		98
68) Hexachlorobenzene	10.83	284	263546	34.023	ng		95
69) Atrazine	10.93	200	190255	32.867	ng		100
70) Pentachlorophenol	11.03	266	256143	74.321	ng		99
71) Phenanthrene	11.25	178	1066719	34.022	ng		99
72) Anthracene	11.29	178	1118224	37.036	ng		100
73) Carbazole	11.45	167	1047104	36.339	ng		100
74) Di-n-butylphthalate	11.78	149	1206038	34.709	ng		100
75) Fluoranthene	12.43	202	1195907	35.141	ng		98
77) Benzidine	12.56	184	670272	51.399	ng		99
78) Pyrene	12.66	202	1214456	34.157	ng		99
80) Butylbenzylphthalate	13.27	149	517496	33.872	ng		100
81) Benzo(a)anthracene	13.84	228	1021274	34.738	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	309355	27.406	ng		100
83) Chrysene	13.89	228	1024586	34.076	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	646725	35.996	ng		100
85) Di-n-octyl phthalate	14.44	149	1200404	36.103	ng		100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1159214	36.344	ng		100
88) Benzo(b)fluoranthene	14.87	252	1145910	33.947	ng		98
89) Benzo(k)fluoranthene	14.90	252	961044	32.343	ng		99
90) Benzo(a)pyrene	15.22	252	989023	33.909	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	947962	36.249	ng		99
92) Benzo(g,h,i)perylene	17.06	276	989919	38.720	ng		99

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

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