Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003040.D
Acq On : 19 Aug 2020 19:29
Operator : CG/JU
Sample : PB131076BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131076BS

Manual Integrations APPROVED
mohammad
8/20/2020 12:24:40 PM

Quant Time: Aug 20 01:37:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	403533	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1711233	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	1043326	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	2069730	20.00	ng		-0.01
76) Chrysene-d12	21.17	240	1821641	20.00	ng		0.00
86) Perylene-d12	23.41	264	2116166	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1921280	72.87	ng		0.00
7) Phenol-d6	6.86	99	2256498	61.64	ng		0.00
23) Nitrobenzene-d5	8.83	82	1289802	40.82	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	937306	72.28	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3653477	47.84	ng		-0.01
79) Terphenyl-d14	19.65	244	4494768	49.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	200796	17.741	ng		99
3) Pyridine	3.61	79	519577	16.478	ng		99
4) n-Nitrosodimethylamine	3.53	42	185600	20.037	ng		98
6) Aniline	7.01	93	944437	22.238	ng		100
8) 2-Chlorophenol	7.25	128	853816	30.372	ng		99
9) Benzaldehyde	6.82	77	384373	19.721	ng		98
10) Phenol	6.89	94	906763	24.596	ng		98
11) bis(2-Chloroethyl)ether	7.11	93	676273	23.849	ng		99
12) 1,3-Dichlorobenzene	7.58	146	905700	28.544	ng		100
13) 1,4-Dichlorobenzene	7.72	146	923294	28.788	ng		99
14) 1,2-Dichlorobenzene	8.03	146	890449	29.114	ng		98
15) Benzyl Alcohol	7.92	79	553724	22.926	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.22	45	546984	20.532	ng		99
17) 2-Methylphenol	8.13	107	651204	27.642	ng		100
18) Hexachloroethane	8.76	117	300456	26.859	ng		97
19) n-Nitroso-di-n-propylamine	8.49	70	418683	19.850	ng		98
20) 3+4-Methylphenols	8.45	107	879982	27.715	ng		99
22) Acetophenone	8.49	105	1074652	22.258	ng	#	98
24) Nitrobenzene	8.87	77	683068	19.914	ng		97
25) Isophorone	9.39	82	1300585	19.161	ng		99
26) 2-Nitrophenol	9.57	139	438917	32.290	ng		97
27) 2,4-Dimethylphenol	9.65	122	748462	27.690	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	874959	23.105	ng		99
29) 2,4-Dichlorophenol	10.11	162	792893	27.871	ng		100
30) 1,2,4-Trichlorobenzene	10.33	180	836805	25.163	ng		100
31) Naphthalene	10.51	128	2507097	25.593	ng		99
32) Benzoic acid	9.79	122	439277	30.894	ng		97
33) 4-Chloroaniline	10.62	127	730467	17.993	ng		99
34) Hexachlorobutadiene	10.81	225	468463	23.019	ng		99
35) Caprolactam	11.37	113	250485m	28.457	ng		
36) 4-Chloro-3-methylphenol	11.76	107	748606	25.315	ng		100
37) 2-Methylnaphthalene	12.13	142	1818763	26.101	ng		99
38) 1-Methylnaphthalene	12.35	142	1715746	26.157	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	850737	22.679	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1105745	56.822	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	597042	27.462	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	667412	27.984	ng	98
46) 1,1'-Biphenyl	13.15	154	2274869	26.375	ng	100
47) 2-Chloronaphthalene	13.19	162	1734470	25.681	ng	99
48) 2-Nitroaniline	13.39	65	349467	22.999	ng	97
49) Acenaphthylene	14.04	152	2850248	26.909	ng	99
50) Dimethylphthalate	13.78	163	2205987	27.034	ng	100
51) 2,6-Dinitrotoluene	13.89	165	495599	28.215	ng	96
52) Acenaphthene	14.39	154	1648774	24.219	ng	100
53) 3-Nitroaniline	14.22	138	397277	22.439	ng	99
54) 2,4-Dinitrophenol	14.43	184	478282	63.560	ng	98
55) Dibenzofuran	14.72	168	2635595	25.239	ng	98
56) 4-Nitrophenol	14.54	139	910591	62.930	ng	98
57) 2,4-Dinitrotoluene	14.68	165	672868	29.361	ng	97
58) Fluorene	15.37	166	1983021	24.254	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	574921	28.891	ng	98
60) Diethylphthalate	15.16	149	2169481	27.208	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	984045	23.386	ng	99
62) 4-Nitroaniline	15.39	138	521901	28.591	ng	97
63) Azobenzene	15.66	77	1507430	18.779	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	336730	33.636	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1813847	26.461	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	626104	24.865	ng	97
68) Hexachlorobenzene	16.39	284	740682	25.431	ng	98
69) Atrazine	16.55	200	573066	24.676	ng	98
70) Pentachlorophenol	16.73	266	910084	60.259	ng	100
71) Phenanthrene	17.12	178	3219516	26.527	ng	99
72) Anthracene	17.20	178	3259255	27.476	ng	99
73) Carbazole	17.47	167	3113727	26.879	ng	99
74) Di-n-butylphthalate	18.05	149	3540534	29.054	ng	99
75) Fluoranthene	19.09	202	3794509	27.136	ng	98
77) Benzidine	19.27	184	2653496	47.769	ng	100
78) Pyrene	19.44	202	3842059	30.170	ng	99
80) Butylbenzylphthalate	20.33	149	1706310	33.942	ng	98
81) Benzo(a)anthracene	21.15	228	3328093	26.822	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	986798	20.093	ng	99
83) Chrysene	21.20	228	3168829	27.073	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2234438	31.704	ng	99
85) Di-n-octyl phthalate	21.97	149	3955490	34.164	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4923654	29.052	ng	99
88) Benzo(b)fluoranthene	22.73	252	3748292	25.100	ng	98
89) Benzo(k)fluoranthene	22.78	252	3509116	24.862	ng	98
90) Benzo(a)pyrene	23.31	252	3426423	25.393	ng	99
91) Dibenzo(a,h)anthracene	25.71	278	4092634	28.373	ng	100
92) Benzo(g,h,i)perylene	26.40	276	4215401	30.222	ng	99

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

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