Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
Data File : BP001566.D
Acq On : 08 Jan 2020 23:06
Operator : JU
Sample : L1051-11MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-3H-(8.5-10.5)MSD

Manual Integrations APPROVED
mohammad
1/9/2020 12:12:07 PM

Quant Time: Jan 09 04:54:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23252	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	103917	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	91704	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	250886	20.00	ng	0.00
76) Chrysene-d12	21.17	240	245246	20.00	ng	0.00
87) Perylene-d12	23.41	264	248291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	30497	25.69	ng	0.00
7) Phenol-d6	6.86	99	140472	74.05	ng	0.00
23) Nitrobenzene-d5	8.80	82	123144	51.78	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	26502	18.99	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	322389	51.69	ng	0.00
79) Terphenyl-d14	19.65	244	690732	51.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	13264	35.014	ng	# 89
3) Pyridine	3.63	79	38885	28.407	ng	97
4) n-Nitrosodimethylamine	3.55	42	46564	47.995	ng	89
6) Aniline	6.99	93	66702	28.120	ng	96
8) 2-Chlorophenol	7.23	128	73361	52.938	ng	99
9) Benzaldehyde	6.80	77	45812	40.430	ng	98
10) Phenol	6.88	94	107831	54.949	ng	94
11) bis(2-Chloroethyl)ether	7.09	93	70438	45.766	ng	95
12) 1,3-Dichlorobenzene	7.55	146	77137	44.283	ng	95
13) 1,4-Dichlorobenzene	7.69	146	79834	44.322	ng	96
14) 1,2-Dichlorobenzene	8.00	146	78185	44.917	ng	97
15) Benzyl Alcohol	7.90	79	86203	48.252	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	124566	43.567	ng	98
17) 2-Methylphenol	8.12	107	70914	52.047	ng	94
18) Hexachloroethane	8.73	117	31143	44.290	ng	91
19) n-Nitroso-di-n-propylamine	8.47	70	67715	46.819	ng	92
20) 3+4-Methylphenols	8.44	107	98927	51.908	ng	94
22) Acetophenone	8.47	105	123398	42.361	ng	97
24) Nitrobenzene	8.85	77	106574	44.298	ng	98
25) Isophorone	9.38	82	186857	43.817	ng	99
26) 2-Nitrophenol	9.56	139	43030	47.327	ng	93
27) 2,4-Dimethylphenol	9.63	122	79461	58.500	ng	96
28) bis(2-Chloroethoxy)methane	9.86	93	103917	41.596	ng	99
29) 2,4-Dichlorophenol	10.09	162	93491	50.284	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	100345	44.707	ng	96
31) Naphthalene	10.49	128	245553	44.773	ng	99
32) Benzoic acid	9.80	122	53779	44.386	ng	94
33) 4-Chloroaniline	10.60	127	20375	8.069	ng	94
34) Hexachlorobutadiene	10.78	225	69641	43.831	ng	99
35) Caprolactam	11.39	113	31614m	46.825	ng	
36) 4-Chloro-3-methylphenol	11.75	107	110185	49.381	ng	99
37) 2-Methylnaphthalene	12.10	142	201517	46.105	ng	97
38) 1-Methylnaphthalene	12.33	142	192027	45.654	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	135981	43.287	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	161225	101.179	ng	96
43) 2,4,6-Trichlorophenol	12.73	196	95539	47.156	ng	97
44) 2,4,5-Trichlorophenol	12.80	196	106981	49.691	ng	97
46) 1,1'-Biphenyl	13.13	154	292373	44.492	ng	99
47) 2-Chloronaphthalene	13.17	162	239134	43.785	ng	97
48) 2-Nitroaniline	13.37	65	95078	44.310	ng	97
49) Acenaphthylene	14.02	152	396841	47.114	ng	99
50) Dimethylphthalate	13.78	163	357833	47.375	ng	98
51) 2,6-Dinitrotoluene	13.88	165	73397	45.824	ng	95
52) Acenaphthene	14.37	154	232765	44.620	ng	99
53) 3-Nitroaniline	14.21	138	29568	17.484	ng	99
54) 2,4-Dinitrophenol	14.42	184	89061	98.891	ng	90
55) Dibenzofuran	14.71	168	406513	46.082	ng	99
56) 4-Nitrophenol	14.55	139	139958	103.640	ng	96
57) 2,4-Dinitrotoluene	14.67	165	108477	46.286	ng	95
58) Fluorene	15.36	166	329779	46.199	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	109719	49.354	ng	99
60) Diethylphthalate	15.16	149	354492	45.631	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	189629	46.417	ng	98
62) 4-Nitroaniline	15.39	138	74869	38.830	ng	92
63) Azobenzene	15.66	77	370964	47.790	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	69039	50.898	ng	95
66) n-Nitrosodiphenylamine	15.58	169	310690	46.745	ng	97
67) 4-Bromophenyl-phenylether	16.26	248	125169	44.225	ng	96
68) Hexachlorobenzene	16.37	284	140520	42.732	ng	98
69) Atrazine	16.55	200	136810	56.046	ng	99
70) Pentachlorophenol	16.72	266	188727	103.924	ng	99
71) Phenanthrene	17.10	178	612863	44.918	ng	99
72) Anthracene	17.20	178	629066	47.361	ng	99
73) Carbazole	17.47	167	567694	45.524	ng	99
74) Di-n-butylphthalate	18.06	149	655313	44.418	ng	99
75) Fluoranthene	19.09	202	822527	45.815	ng	98
77) Benzidine	19.27	184	451951	80.708	ng	99
78) Pyrene	19.44	202	819456	45.487	ng	98
80) Butylbenzylphthalate	20.34	149	298885	43.651	ng	97
81) Benzo(a)anthracene	21.15	228	772326	45.219	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	183532	28.656	ng	99
83) Chrysene	21.20	228	747016	44.879	ng	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	425446	45.326	ng	99
85) Di-n-octyl phthalate	21.99	149	686143	45.845	ng	99
86) Indeno(1,2,3-cd)pyrene	25.69	276	774102	39.730	ng	99
88) Benzo(b)fluoranthene	22.74	252	750521	47.969	ng	99
89) Benzo(k)fluoranthene	22.79	252	705414	46.242	ng	99
90) Benzo(a)pyrene	23.32	252	664185	44.710	ng	99
91) Dibenzo(a,h)anthracene	25.72	278	658907	42.989	ng	99
92) Benzo(g,h,i)perylene	26.40	276	649484	42.625	ng	99

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

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