Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002955.D
Acq On : 12 Aug 2020 18:29
Operator : CG/JU
Sample : L3653-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-STOCKMSD

Quant Time: Aug 12 18:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	132545	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	563816	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	353832	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	805066	20.00	ng		0.00
76) Chrysene-d12	21.18	240	1274617	20.00	ng		0.00
86) Perylene-d12	23.43	264	1775555	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	833651	96.26	ng		0.00
7) Phenol-d6	6.87	99	1056180	87.84	ng		-0.01
23) Nitrobenzene-d5	8.84	82	568250	54.59	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	433166	98.50	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	1649076	63.68	ng		0.00
79) Terphenyl-d14	19.66	244	3057245	48.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	114237	30.729	ng		99
3) Pyridine	3.63	79	392141	37.862	ng		99
4) n-Nitrosodimethylamine	3.54	42	98195	32.275	ng		99
6) Aniline	7.02	93	370437	26.555	ng		99
8) 2-Chlorophenol	7.26	128	432178	46.804	ng		100
9) Benzaldehyde	6.84	77	204908	32.008	ng		99
10) Phenol	6.90	94	511789	42.264	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	344253	36.961	ng		99
12) 1,3-Dichlorobenzene	7.59	146	435272	41.765	ng		99
13) 1,4-Dichlorobenzene	7.73	146	450212	42.737	ng		99
14) 1,2-Dichlorobenzene	8.05	146	434527	43.253	ng		98
15) Benzyl Alcohol	7.93	79	285853	36.032	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	296376	33.870	ng		99
17) 2-Methylphenol	8.14	107	344067	44.464	ng		99
18) Hexachloroethane	8.78	117	145460	39.588	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	229250	33.091	ng		98
20) 3+4-Methylphenols	8.46	107	466541	44.736	ng		98
22) Acetophenone	8.51	105	571586	35.931	ng	#	99
24) Nitrobenzene	8.88	77	354596	31.376	ng		100
25) Isophorone	9.41	82	699582	31.282	ng		99
26) 2-Nitrophenol	9.59	139	199040	42.741	ng		99
27) 2,4-Dimethylphenol	9.66	122	400076	44.923	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	462102	37.037	ng		100
29) 2,4-Dichlorophenol	10.13	162	402875	42.982	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	406712	37.119	ng		99
31) Naphthalene	10.53	128	1310959	40.618	ng		99
32) Benzoic acid	9.76	122	241791	46.457	ng		99
33) 4-Chloroaniline	10.63	127	348517	26.056	ng		99
34) Hexachlorobutadiene	10.83	225	211567	31.553	ng		99
35) Caprolactam	11.38	113	142506	49.137	ng		97
36) 4-Chloro-3-methylphenol	11.77	107	394798	40.519	ng		99
37) 2-Methylnaphthalene	12.15	142	956477	41.661	ng		99
38) 1-Methylnaphthalene	12.36	142	904570	41.856	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	442266	34.765	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	316743	47.995 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	301731	40.923 ng	98
44) 2,4,5-Trichlorophenol	12.83	196	341657	42.240 ng	100
46) 1,1'-Biphenyl	13.17	154	1205357	41.208 ng	99
47) 2-Chloronaphthalene	13.20	162	927357	40.487 ng	98
48) 2-Nitroaniline	13.40	65	189511	34.397 ng	99
49) Acenaphthylene	14.05	152	1537456	42.800 ng	99
50) Dimethylphthalate	13.80	163	1357619	49.057 ng	99
51) 2,6-Dinitrotoluene	13.90	165	248027	40.256 ng	98
52) Acenaphthene	14.40	154	929468	40.258 ng	98
53) 3-Nitroaniline	14.23	138	206512	32.650 ng	97
54) 2,4-Dinitrophenol	14.44	184	265959	99.063 ng	98
55) Dibenzofuran	14.73	168	1432558	40.451 ng	98
56) 4-Nitrophenol	14.55	139	570419	116.238 ng	99
57) 2,4-Dinitrotoluene	14.69	165	351841	43.208 ng	99
58) Fluorene	15.39	166	1154044	41.621 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	307611	45.580 ng	99
60) Diethylphthalate	15.17	149	1175308	43.462 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	543519	38.087 ng	99
62) 4-Nitroaniline	15.39	138	316199	49.176 ng	99
63) Azobenzene	15.68	77	884331	32.484 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	190899	45.868 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1036997	38.893 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	338415	34.552 ng	97
68) Hexachlorobenzene	16.40	284	398939	35.215 ng	99
69) Atrazine	16.56	200	333410	36.909 ng	100
70) Pentachlorophenol	16.74	266	625113	106.409 ng	99
71) Phenanthrene	17.13	178	1983081	42.007 ng	98
72) Anthracene	17.22	178	2017749	43.731 ng	99
73) Carbazole	17.49	167	2083646	46.242 ng	98
74) Di-n-butylphthalate	18.07	149	2360436	49.798 ng	99
75) Fluoranthene	19.10	202	2780557	51.121 ng	99
77) Benzidine	19.29	184	2285679	58.807 ng	100
78) Pyrene	19.46	202	2956261	33.177 ng	98
80) Butylbenzylphthalate	20.35	149	1438827	40.277 ng	98
81) Benzo(a)anthracene	21.16	228	3582830	41.267 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1191939	34.685 ng	99
83) Chrysene	21.22	228	3422101	41.784 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2244915	45.523 ng	98
85) Di-n-octyl phthalate	22.00	149	4490071	55.425 ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	6892782	48.473 ng	100
88) Benzo(b)fluoranthene	22.76	252	4835406	38.591 ng	100
89) Benzo(k)fluoranthene	22.80	252	4409374	37.233 ng	99
90) Benzo(a)pyrene	23.34	252	4554265	40.226 ng	99
91) Dibenzo(a,h)anthracene	25.76	278	5670799	46.856 ng	99
92) Benzo(g,h,i)perylene	26.44	276	5941456	50.768 ng	99

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

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