Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003050.D
Acq On : 20 Aug 2020 01:09
Operator : CG/JU
Sample : L3682-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20200513-2801-AMSD

Manual Integrations APPROVED
mohammad
8/20/2020 12:24:50 PM

Quant Time: Aug 20 06:45:38 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	287768	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1173232	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	627928	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1330075	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1352037	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1476539	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1516759	80.67	ng	0.00
7) Phenol-d6	6.86	99	1654518	63.38	ng	0.00
23) Nitrobenzene-d5	8.83	82	1258343	58.09	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	797010	102.12	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3105380	67.57	ng	-0.01
79) Terphenyl-d14	19.65	244	4978055	73.71	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	215912	26.751	ng	# 80
3) Pyridine	3.63	79	431125	19.173	ng	98
4) n-Nitrosodimethylamine	3.53	42	181042	27.408	ng	96
6) Aniline	7.01	93	397378	13.121	ng	100
8) 2-Chlorophenol	7.25	128	733539	36.590	ng	99
9) Benzaldehyde	6.82	77	187648	13.501	ng	98
10) Phenol	6.89	94	683533	25.999	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	666683	32.969	ng	98
12) 1,3-Dichlorobenzene	7.58	146	874052	38.629	ng	99
13) 1,4-Dichlorobenzene	7.72	146	894227	39.098	ng	99
14) 1,2-Dichlorobenzene	8.03	146	859602	39.411	ng	100
15) Benzyl Alcohol	7.92	79	568265	32.993	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	514296	27.071	ng	98
17) 2-Methylphenol	8.13	107	541472	32.230	ng	98
18) Hexachloroethane	8.76	117	276762	34.694	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	407873	27.117	ng	98
20) 3+4-Methylphenols	8.46	107	718071	31.714	ng	99
22) Acetophenone	8.49	105	1059850	32.018	ng	99
24) Nitrobenzene	8.87	77	673683	28.647	ng	99
25) Isophorone	9.39	82	1264488	27.172	ng	100
26) 2-Nitrophenol	9.58	139	384200	39.974	ng	97
27) 2,4-Dimethylphenol	9.65	122	634658	34.246	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	845501	32.566	ng	100
29) 2,4-Dichlorophenol	10.12	162	688933	35.322	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	831083	36.450	ng	99
31) Naphthalene	10.51	128	2480697	36.937	ng	99
32) Benzoic acid	9.79	122	420302	40.074	ng	98
33) 4-Chloroaniline	10.62	127	233550	8.391	ng	99
34) Hexachlorobutadiene	10.81	225	416760	29.869	ng	99
35) Caprolactam	11.38	113	172202	28.534	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	583509	28.780	ng	97
37) 2-Methylnaphthalene	12.13	142	1606385	33.625	ng	100
38) 1-Methylnaphthalene	12.35	142	1519835	33.796	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	778944	34.503	ng	99

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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)
41) Hexachlorocyclopentadiene	12.49	237	479033	40.902 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	475278	36.323 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	514328	35.831 ng	98
46) 1,1'-Biphenyl	13.15	154	2006120	38.646 ng	100
47) 2-Chloronaphthalene	13.19	162	1546137	38.037 ng	100
48) 2-Nitroaniline	13.39	65	324411	33.320 ng	100
49) Acenaphthylene	14.04	152	2483918	38.964 ng	99
50) Dimethylphthalate	13.79	163	2349199	47.833 ng	100
51) 2,6-Dinitrotoluene	13.89	165	432393	39.597 ng	99
52) Acenaphthene	14.39	154	1613126m	39.370 ng	
53) 3-Nitroaniline	14.22	138	263124	24.365 ng	99
54) 2,4-Dinitrophenol	14.43	184	248463	55.964 ng	97
55) Dibenzofuran	14.72	168	2397987	38.155 ng	99
56) 4-Nitrophenol	14.55	139	645849	74.161 ng	96
57) 2,4-Dinitrotoluene	14.69	165	604845	41.974 ng	99
58) Fluorene	15.37	166	1777363	36.120 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	458780	38.306 ng	99
60) Diethylphthalate	15.16	149	1917827	39.963 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	883221	34.875 ng	99
62) 4-Nitroaniline	15.39	138	431836	38.401 ng	95
63) Azobenzene	15.66	77	1348904	27.920 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	190715	30.464 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1638596	37.198 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	583720	36.073 ng	100
68) Hexachlorobenzene	16.39	284	688637	36.793 ng	98
69) Atrazine	16.55	200	501620	33.611 ng	99
70) Pentachlorophenol	16.73	266	770210	79.357 ng	99
71) Phenanthrene	17.12	178	2948083	37.798 ng	99
72) Anthracene	17.20	178	2974134	39.015 ng	99
73) Carbazole	17.47	167	2838357	38.127 ng	99
74) Di-n-butylphthalate	18.05	149	3398414	43.396 ng	99
75) Fluoranthene	19.09	202	4006952	44.590 ng	98
77) Benzidine	19.27	184	222731	5.402 ng	99
78) Pyrene	19.44	202	4115487	43.542 ng	99
80) Butylbenzylphthalate	20.33	149	1863298	48.497 ng	98
81) Benzo(a)anthracene	21.15	228	3566028	38.721 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	1123033	30.809 ng	100
83) Chrysene	21.20	228	3346833	38.525 ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	2321780	44.386 ng	100
85) Di-n-octyl phthalate	21.97	149	4236019	49.295 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4634801	39.195 ng	97
88) Benzo(b)fluoranthene	22.73	252	3993097	38.323 ng	98
89) Benzo(k)fluoranthene	22.78	252	3642142	36.982 ng	97
90) Benzo(a)pyrene	23.31	252	3540185	37.602 ng	98
91) Dibenzo(a,h)anthracene	25.71	278	3868455	38.437 ng	98
92) Benzo(g,h,i)perylene	26.39	276	3993768	41.036 ng	98

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

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