Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001342.D
Acq On : 20 Dec 2019 14:46
Operator : JU
Sample : K6300-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSI-MW-4MSD

Manual Integrations APPROVED
mohammad
12/23/2019 11:56:09 AM

Quant Time: Dec 20 23:34:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	52107	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	180638	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	103841	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	202144	20.00	ng		0.00
76) Chrysene-d12	19.26	240	161865	20.00	ng		0.01
87) Perylene-d12	21.03	264	164399	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	212096	65.79	ng		0.00
7) Phenol-d6	7.75	99	176615	41.98	ng		0.00
23) Nitrobenzene-d5	9.19	82	453602	96.43	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	190660	146.86	ng		0.01
45) 2-Fluorobiphenyl	12.12	172	775984	94.49	ng		0.00
79) Terphenyl-d14	17.89	244	989547	104.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	23315	17.572	ng		97
3) Pyridine	3.45	79	44884	12.383	ng		92
4) n-Nitrosodimethylamine	3.33	42	46430	20.230	ng		96
6) Aniline	7.78	93	78178	14.762	ng	#	72
8) 2-Chlorophenol	7.96	128	131693	40.630	ng		99
9) Benzaldehyde	7.59	77	151831	51.448	ng		97
10) Phenol	7.76	94	72830	15.151	ng		91
11) bis(2-Chloroethyl)ether	7.90	93	162158	47.685	ng		97
12) 1,3-Dichlorobenzene	8.20	146	172945	42.837	ng		99
13) 1,4-Dichlorobenzene	8.33	146	177352	43.117	ng		97
14) 1,2-Dichlorobenzene	8.56	146	170572	43.529	ng		99
15) Benzyl Alcohol	8.53	79	120825	30.608	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	241657	44.870	ng		99
17) 2-Methylphenol	8.73	107	94874	33.124	ng		97
18) Hexachloroethane	9.10	117	72779	41.593	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	145322	48.659	ng		98
20) 3+4-Methylphenols	8.97	107	113280	29.804	ng		98
22) Acetophenone	8.95	105	268323	46.973	ng	#	97
24) Nitrobenzene	9.22	77	222953	48.156	ng		100
25) Isophorone	9.61	82	376957	49.838	ng		99
26) 2-Nitrophenol	9.73	139	82708	50.098	ng		96
27) 2,4-Dimethylphenol	9.82	122	123153	50.720	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	205175	45.418	ng		98
29) 2,4-Dichlorophenol	10.12	162	134149	44.619	ng		100
30) 1,2,4-Trichlorobenzene	10.25	180	161983	43.801	ng		98
31) Naphthalene	10.37	128	465855	47.245	ng		99
32) Benzoic acid	9.95	122	19639	13.980	ng		96
33) 4-Chloroaniline	10.46	127	43091	10.686	ng		99
34) Hexachlorobutadiene	10.59	225	105605	40.941	ng		97
35) Caprolactam	11.05	113	6662	7.447	ng	#	78
36) 4-Chloro-3-methylphenol	11.28	107	151599	43.148	ng		96
37) 2-Methylnaphthalene	11.50	142	328716	48.288	ng		100
38) 1-Methylnaphthalene	11.66	142	307238	48.007	ng		96
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	177931	46.342	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	202310	106.535 ng	98
43) 2,4,6-Trichlorophenol	11.97	196	112915	47.819 ng	99
44) 2,4,5-Trichlorophenol	12.03	196	117692	48.510 ng	99
46) 1,1'-Biphenyl	12.28	154	405984	46.720 ng	99
47) 2-Chloronaphthalene	12.30	162	323233	46.012 ng	100
48) 2-Nitroaniline	12.47	65	132941	47.259 ng	98
49) Acenaphthylene	12.97	152	502274	48.911 ng	100
50) Dimethylphthalate	12.80	163	409273	48.042 ng	100
51) 2,6-Dinitrotoluene	12.88	165	84788	49.016 ng	99
52) Acenaphthene	13.26	154	294418	47.584 ng	99
53) 3-Nitroaniline	13.14	138	25289	13.621 ng	98
54) 2,4-Dinitrophenol	13.32	184	71933	107.693 ng	93
55) Dibenzofuran	13.55	168	463754	47.838 ng	99
56) 4-Nitrophenol	13.44	139	50352	37.927 ng	97
57) 2,4-Dinitrotoluene	13.54	165	116118	48.297 ng	93
58) Fluorene	14.11	166	373632	48.187 ng	97
59) 2,3,4,6-Tetrachlorophenol	13.75	232	98366m	47.225 ng	
60) Diethylphthalate	13.97	149	400402	45.569 ng	100
61) 4-Chlorophenyl-phenylether	14.13	204	190912	46.839 ng	97
62) 4-Nitroaniline	12.47	138	101990	47.437 ng	97
63) Azobenzene	14.39	77	435618	47.092 ng	99
65) 4,6-Dinitro-2-methylphenol	14.21	198	53246	58.814 ng	94
66) n-Nitrosodiphenylamine	14.33	169	313529	48.924 ng	99
67) 4-Bromophenyl-phenylether	14.93	248	111411	46.616 ng	95
68) Hexachlorobenzene	15.01	284	125971	46.299 ng	94
69) Atrazine	15.22	200	119468	51.899 ng	98
70) Pentachlorophenol	15.32	266	144728	103.727 ng	95
71) Phenanthrene	15.65	178	565667	49.048 ng	100
72) Anthracene	15.72	178	573029	50.191 ng	100
73) Carbazole	15.97	167	504772	49.591 ng	99
74) Di-n-butylphthalate	16.52	149	643057	46.037 ng	99
75) Fluoranthene	17.36	202	626410	48.575 ng	99
77) Benzidine	17.55	184	243395	51.646 ng	99
78) Pyrene	17.66	202	630898	50.200 ng	100
80) Butylbenzylphthalate	18.55	149	276760	47.235 ng	97
81) Benzo(a)anthracene	19.25	228	572122	48.506 ng	99
82) 3,3'-Dichlorobenzidine	19.21	252	124573	30.416 ng	100
83) Chrysene	19.29	228	550608	48.364 ng	98
84) Bis(2-ethylhexyl)phthalate	19.29	149	387774	45.102 ng	98
85) Di-n-octyl phthalate	20.08	149	650927	45.679 ng	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	564870	45.941 ng	100
88) Benzo(b)fluoranthene	20.55	252	553273	51.245 ng	99
89) Benzo(k)fluoranthene	20.58	252	500683	48.683 ng	99
90) Benzo(a)pyrene	20.96	252	473175	48.110 ng	99
91) Dibenzo(a,h)anthracene	22.70	278	475607	49.458 ng	98
92) Benzo(g,h,i)perylene	23.17	276	471394	51.299 ng	98

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

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