Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
Data File : BP001459.D
Acq On : 27 Dec 2019 15:43
Operator : JU
Sample : PB125701BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125701BS

Manual Integrations APPROVED
mohammad
12/30/2019 2:07:51 PM

Quant Time: Dec 28 04:38:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22619	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	83936	20.00	ng		0.00
39) Acenaphthene-d10	13.18	164	52938	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	111596	20.00	ng		0.00
76) Chrysene-d12	19.23	240	95953	20.00	ng		0.00
87) Perylene-d12	20.99	264	72920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	147301	105.25	ng		0.01
7) Phenol-d6	7.76	99	192351	105.33	ng		0.00
23) Nitrobenzene-d5	9.17	82	141552	64.76	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	76882	116.16	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	305370	72.94	ng		0.00
79) Terphenyl-d14	17.86	244	426616	76.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	18232	31.655	ng		93
3) Pyridine	3.41	79	41852	26.600	ng		94
4) n-Nitrosodimethylamine	3.32	42	37824	37.966	ng		94
6) Aniline	7.76	93	59515	25.889	ng	#	85
8) 2-Chlorophenol	7.95	128	58282	41.423	ng		93
9) Benzaldehyde	7.58	77	22162	17.300	ng		95
10) Phenol	7.78	94	77176	36.986	ng	#	78
11) bis(2-Chloroethyl)ether	7.89	93	55047	37.290	ng		92
12) 1,3-Dichlorobenzene	8.19	146	66669	38.042	ng		96
13) 1,4-Dichlorobenzene	8.31	146	68450	38.336	ng		98
14) 1,2-Dichlorobenzene	8.55	146	65293	38.385	ng		95
15) Benzyl Alcohol	8.52	79	62707	36.595	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	69041	29.532	ng		90
17) 2-Methylphenol	8.72	107	49971	40.192	ng		98
18) Hexachloroethane	9.09	117	27188	35.794	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	46632	35.970	ng		97
20) 3+4-Methylphenols	8.97	107	64807	39.280	ng		97
22) Acetophenone	8.93	105	92384	34.806	ng	#	97
24) Nitrobenzene	9.20	77	73429	34.133	ng		99
25) Isophorone	9.59	82	123090	35.023	ng		98
26) 2-Nitrophenol	9.71	139	31701	41.325	ng		96
27) 2,4-Dimethylphenol	9.82	122	50617	44.863	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	70200	33.443	ng		98
29) 2,4-Dichlorophenol	10.11	162	56711	40.594	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	64720	37.663	ng		95
31) Naphthalene	10.36	128	176122	38.440	ng		99
32) Benzoic acid	10.02	122	30068	34.535	ng		94
33) 4-Chloroaniline	10.45	127	39021	20.825	ng		97
34) Hexachlorobutadiene	10.58	225	43575	36.356	ng		93
35) Caprolactam	11.03	113	16824m	40.471	ng		
36) 4-Chloro-3-methylphenol	11.28	107	60243	36.901	ng		99
37) 2-Methylnaphthalene	11.49	142	128626	40.664	ng		99
38) 1-Methylnaphthalene	11.65	142	120769	40.611	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	71729	36.645	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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	11.75	237	58782	60.718	ng		100
43) 2,4,6-Trichlorophenol	11.96	196	46467	38.601	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	47958	38.775	ng		97
46) 1,1'-Biphenyl	12.26	154	165743	37.414	ng		99
47) 2-Chloronaphthalene	12.27	162	128970	36.012	ng		99
48) 2-Nitroaniline	12.45	65	46292	32.280	ng		94
49) Acenaphthylene	12.95	152	199156	38.042	ng		99
50) Dimethylphthalate	12.78	163	157474	36.259	ng		99
51) 2,6-Dinitrotoluene	12.86	165	33923	38.468	ng		95
52) Acenaphthene	13.24	154	116183	36.834	ng		99
53) 3-Nitroaniline	13.12	138	21275	22.477	ng		93
54) 2,4-Dinitrophenol	13.30	184	30627	89.942	ng		89
55) Dibenzofuran	13.52	168	191207	38.689	ng		98
56) 4-Nitrophenol	13.45	139	46882	69.269	ng		95
57) 2,4-Dinitrotoluene	13.52	165	46294	37.770	ng	#	89
58) Fluorene	14.08	166	152578	38.599	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.73	232	41364	38.954	ng		98
60) Diethylphthalate	13.95	149	160763	35.889	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	81930	39.429	ng		99
62) 4-Nitroaniline	12.45	138	39543	36.077	ng		99
63) Azobenzene	14.36	77	162587	34.477	ng		96
65) 4,6-Dinitro-2-methylphenol	14.19	198	24687	49.394	ng		96
66) n-Nitrosodiphenylamine	14.30	169	133125	37.628	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	49563	37.565	ng		97
68) Hexachlorobenzene	14.98	284	55062	36.658	ng		96
69) Atrazine	15.19	200	48224	37.947	ng		91
70) Pentachlorophenol	15.30	266	56414	73.238	ng		96
71) Phenanthrene	15.62	178	237315	37.273	ng		99
72) Anthracene	15.70	178	241019	38.240	ng		99
73) Carbazole	15.95	167	208116	37.036	ng		100
74) Di-n-butylphthalate	16.49	149	267120	34.640	ng		98
75) Fluoranthene	17.33	202	278276	39.088	ng		99
77) Benzidine	17.52	184	60962	21.821	ng		98
78) Pyrene	17.63	202	278438	37.374	ng		100
80) Butylbenzylphthalate	18.52	149	115232	33.176	ng		93
81) Benzo(a)anthracene	19.22	228	261918	37.460	ng		99
82) 3,3'-Dichlorobenzidine	19.18	252	81841	33.709	ng		99
83) Chrysene	19.26	228	250358	37.097	ng		98
84) Bis(2-ethylhexyl)phthalate	19.26	149	174869	34.310	ng		99
85) Di-n-octyl phthalate	20.05	149	284276	33.653	ng		98
86) Indeno(1,2,3-cd)pyrene	22.62	276	234812	32.216	ng	#	92
88) Benzo(b)fluoranthene	20.51	252	236752	49.438	ng		100
89) Benzo(k)fluoranthene	20.55	252	232809	51.034	ng		99
90) Benzo(a)pyrene	20.92	252	206192	47.264	ng		99
91) Dibenzo(a,h)anthracene	22.64	278	204177	47.868	ng		100
92) Benzo(g,h,i)perylene	23.10	276	185641	45.546	ng		98

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

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