Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
Data File : BP001710.D
Acq On : 28 Jan 2020 17:11
Operator : CG/JU
Sample : PB126393BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB126393BSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:17:17 AM

Quant Time: Jan 28 23:06:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	17273	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	77248	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	59909	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	153071	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	160581	20.00	ng	0.00
87) Perylene-d12	23.29	264	180888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	137466	155.90	ng	0.00
7) Phenol-d6	6.75	99	66756	47.37	ng	-0.01
23) Nitrobenzene-d5	8.70	82	165656	93.71	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	75243	82.51	ng	-0.01
45) 2-Fluorobiphenyl	12.82	172	352125	86.42	ng	-0.02
79) Terphenyl-d14	19.57	244	793965	90.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	15981	56.790	ng	# 88
3) Pyridine	3.49	79	53412	52.526	ng	98
4) n-Nitrosodimethylamine	3.41	42	45730	63.452	ng	# 83
6) Aniline	6.89	93	61795	35.069	ng	98
8) 2-Chlorophenol	7.12	128	53048	51.531	ng	90
9) Benzaldehyde	6.69	77	44160	52.462	ng	92
10) Phenol	6.78	94	46394	31.825	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	54547	47.709	ng	96
12) 1,3-Dichlorobenzene	7.44	146	51629	39.898	ng	97
13) 1,4-Dichlorobenzene	7.59	146	53589	40.050	ng	96
14) 1,2-Dichlorobenzene	7.90	146	53304	41.223	ng	97
15) Benzyl Alcohol	7.80	79	56736	42.751	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	107546	50.634	ng	98
17) 2-Methylphenol	8.01	107	49463	48.869	ng	96
18) Hexachloroethane	8.62	117	20815	39.849	ng	95
19) n-Nitroso-di-n-propylamine	8.36	70	57832	53.827	ng	92
20) 3+4-Methylphenols	8.34	107	63689	44.986	ng	98
22) Acetophenone	8.37	105	99054	45.743	ng	# 93
24) Nitrobenzene	8.74	77	86034	48.106	ng	96
25) Isophorone	9.26	82	157742	49.760	ng	98
26) 2-Nitrophenol	9.45	139	32295	47.783	ng	99
27) 2,4-Dimethylphenol	9.53	122	57252	56.701	ng	99
28) bis(2-Chloroethoxy)methane	9.76	93	85619	46.104	ng	98
29) 2,4-Dichlorophenol	9.99	162	64432	46.619	ng	94
30) 1,2,4-Trichlorobenzene	10.20	180	66508	39.862	ng	95
31) Naphthalene	10.38	128	177592	43.561	ng	99
33) 4-Chloroaniline	10.49	127	54025	28.781	ng	# 93
34) Hexachlorobutadiene	10.68	225	43057	36.455	ng	97
35) Caprolactam	11.25	113	6973m	13.894	ng	
36) 4-Chloro-3-methylphenol	11.65	107	76035	45.840	ng	98
37) 2-Methylnaphthalene	12.00	142	143168	44.064	ng	96
38) 1-Methylnaphthalene	12.22	142	136734	43.732	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	90290	43.996	ng	96
41) Hexachlorocyclopentadiene	12.37	237	45833	44.028	ng	99

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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)
43) 2,4,6-Trichlorophenol	12.63	196	55475	41.914	ng		96
44) 2,4,5-Trichlorophenol	12.70	196	61890	44.004	ng		95
46) 1,1'-Biphenyl	13.03	154	199188	46.399	ng		97
47) 2-Chloronaphthalene	13.07	162	162257	45.476	ng		98
48) 2-Nitroaniline	13.28	65	73132	52.171	ng		92
49) Acenaphthylene	13.93	152	263837	47.947	ng		99
50) Dimethylphthalate	13.68	163	257654	52.216	ng		99
51) 2,6-Dinitrotoluene	13.79	165	49103	46.926	ng		90
52) Acenaphthene	14.27	154	154493	45.333	ng		99
53) 3-Nitroaniline	14.12	138	35725	32.336	ng		100
54) 2,4-Dinitrophenol	14.34	184	28369	48.218	ng	#	82
55) Dibenzofuran	14.62	168	270687	46.970	ng		99
56) 4-Nitrophenol	14.46	139	36343	41.195	ng	#	82
57) 2,4-Dinitrotoluene	14.59	165	70453	46.016	ng	#	89
58) Fluorene	15.27	166	219612	47.093	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	54011	37.189	ng		97
60) Diethylphthalate	15.06	149	229757	45.271	ng		100
61) 4-Chlorophenyl-phenylether	15.27	204	123358	46.221	ng		96
62) 4-Nitroaniline	15.30	138	51360	40.775	ng		93
63) Azobenzene	15.56	77	264353	52.130	ng		91
65) 4,6-Dinitro-2-methylphenol	15.36	198	35280	42.630	ng		86
66) n-Nitrosodiphenylamine	15.49	169	197064	48.595	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	78595	45.514	ng		99
68) Hexachlorobenzene	16.28	284	86372	43.050	ng		96
69) Atrazine	16.46	200	85609	57.482	ng		98
70) Pentachlorophenol	16.64	266	66474	59.995	ng		98
71) Phenanthrene	17.02	178	384621	46.204	ng		99
72) Anthracene	17.11	178	389624	48.079	ng		99
73) Carbazole	17.39	167	351757	46.233	ng		99
74) Di-n-butylphthalate	17.96	149	408343	45.365	ng		98
75) Fluoranthene	19.00	202	496742	45.350	ng		98
77) Benzidine	19.19	184	214177	58.412	ng		97
78) Pyrene	19.36	202	517264	43.851	ng		100
80) Butylbenzylphthalate	20.25	149	195511	43.609	ng		92
81) Benzo(a)anthracene	21.07	228	535821	47.912	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	174409	41.589	ng		98
83) Chrysene	21.12	228	508185	46.628	ng		98
84) Bis(2-ethylhexyl)phthalate	21.03	149	291672	47.457	ng		98
85) Di-n-octyl phthalate	21.89	149	491871	50.192	ng		94
86) Indeno(1,2,3-cd)pyrene	25.54	276	593640	46.531	ng	#	96
88) Benzo(b)fluoranthene	22.63	252	560401	49.164	ng		99
89) Benzo(k)fluoranthene	22.67	252	551549	49.628	ng		99
90) Benzo(a)pyrene	23.20	252	505945	46.748	ng	#	99
91) Dibenzo(a,h)anthracene	25.54	278	496081	44.426	ng	#	96
92) Benzo(g,h,i)perylene	26.23	276	488455	44.002	ng		97

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

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