Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
Data File : BP004007.D
Acq On : 19 Nov 2020 16:34
Operator : CG/JU
Sample : PB133105BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133105BSD

Quant Time: Nov 19 17:44:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	140005	20.00	ng	-0.01
21) Naphthalene-d8	11.104	136	533187	20.00	ng	#-0.01
39) Acenaphthene-d10	14.898	164	320374	20.00	ng	-0.01
64) Phenanthrene-d10	17.628	188	651724	20.00	ng	#-0.01
76) Chrysene-d12	21.663	240	535858	20.00	ng	-0.01
86) Perylene-d12	24.139	264	530321	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	857470	102.22	ng	0.00
7) Phenol-d6	7.446	99	1122615	93.23	ng	0.00
23) Nitrobenzene-d5	9.434	82	630875	57.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.381	330	367772	91.78	ng	-0.01
45) 2-Fluorobiphenyl	13.516	172	1382533	60.33	ng	-0.01
79) Terphenyl-d14	20.127	244	1726876	62.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	119126	32.92	ng	# 60
3) Pyridine	3.917	79	344818	32.49	ng	# 57
4) n-Nitrosodimethylamine	3.817	42	184482	37.75	ng	# 51
6) Aniline	7.575	93	360923	26.40	ng	# 83
8) 2-Chlorophenol	7.840	128	355297	39.89	ng	# 79
9) Benzaldehyde	7.369	77	114941	17.97	ng	# 77
10) Phenol	7.475	94	448164	38.57	ng	83
11) bis(2-Chloroethyl)ether	7.663	93	348284	37.29	ng	# 79
12) 1,3-Dichlorobenzene	8.163	146	399932	36.64	ng	# 94
13) 1,4-Dichlorobenzene	8.305	146	404404	36.75	ng	96
14) 1,2-Dichlorobenzene	8.640	146	384973	36.63	ng	97
15) Benzyl Alcohol	8.505	79	323318	38.76	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	544069	34.59	ng	82
17) 2-Methylphenol	8.740	107	296530	38.87	ng	# 94
18) Hexachloroethane	9.381	117	149043	38.11	ng	98
19) n-Nitroso-di-n-propyla...	9.075	70	269697	37.47	ng	# 76
20) 3+4-Methylphenols	9.063	107	394911	38.78	ng	94
22) Acetophenone	9.093	105	523851	36.60	ng	# 84
24) Nitrobenzene	9.475	77	407168	37.63	ng	# 80
25) Isophorone	10.004	82	719709	38.92	ng	# 90
26) 2-Nitrophenol	10.204	139	188642	44.65	ng	# 73
27) 2,4-Dimethylphenol	10.275	122	316248	44.88	ng	93
28) bis(2-Chloroethoxy)met...	10.475	93	441978	34.83	ng	98
29) 2,4-Dichlorophenol	10.763	162	330873	38.97	ng	96
30) 1,2,4-Trichlorobenzene	10.975	180	368191	35.59	ng	98
31) Naphthalene	11.151	128	1039976	36.35	ng	100
32) Benzoic acid	10.446	122	98475	24.77	ng	# 80
33) 4-Chloroaniline	11.246	127	258292	21.24	ng	# 89
34) Hexachlorobutadiene	11.463	225	238345	35.32	ng	99
35) Caprolactam	11.987	113	99864	38.04	ng	# 17
36) 4-Chloro-3-methylphenol	12.381	107	346674	37.82	ng	89
37) 2-Methylnaphthalene	12.740	142	743497	36.31	ng	97
38) 1-Methylnaphthalene	12.957	142	691674	35.42	ng	98
40) 1,2,4,5-Tetrachloroben...	13.122	216	407196	38.40	ng	99
41) Hexachlorocyclopentadiene	13.110	237	406992	76.08	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	250190	38.17	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	264138	38.27	ng		96
46) 1,1'-Biphenyl	13.728	154	922050	37.08	ng		98
47) 2-Chloronaphthalene	13.781	162	724842	35.52	ng		98
48) 2-Nitroaniline	13.957	65	228846	37.59	ng	#	58
49) Acenaphthylene	14.616	152	1108867	37.01	ng		99
50) Dimethylphthalate	14.322	163	883628	35.29	ng		100
51) 2,6-Dinitrotoluene	14.445	165	197679	38.47	ng	#	74
52) Acenaphthene	14.957	154	764395	38.30	ng		97
53) 3-Nitroaniline	14.775	138	135960	23.90	ng	#	76
54) 2,4-Dinitrophenol	14.992	184	149756	58.96	ng	#	79
55) Dibenzofuran	15.287	168	1072923	36.18	ng		99
56) 4-Nitrophenol	15.110	139	279192	68.11	ng	#	61
57) 2,4-Dinitrotoluene	15.234	165	269024	39.00	ng	#	73
58) Fluorene	15.934	166	854316	35.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	212502	34.16	ng		98
60) Diethylphthalate	15.681	149	866708	35.35	ng		98
61) 4-Chlorophenyl-phenyle...	15.910	204	454518	35.02	ng		97
62) 4-Nitroaniline	15.934	138	184837	31.17	ng		85
63) Azobenzene	16.204	77	828339	35.78	ng		84
65) 4,6-Dinitro-2-methylph...	16.016	198	128008	38.00	ng		83
66) n-Nitrosodiphenylamine	16.122	169	747603	37.47	ng		96
67) 4-Bromophenyl-phenylether	16.804	248	271714	35.63	ng		98
68) Hexachlorobenzene	16.969	284	300871	34.58	ng		95
69) Atrazine	17.057	200	224288	34.24	ng		99
70) Pentachlorophenol	17.304	266	237313	57.02	ng		99
71) Phenanthrene	17.669	178	1299823	35.54	ng		99
72) Anthracene	17.763	178	1325383	37.52	ng		99
73) Carbazole	18.016	167	1172209	35.77	ng		98
74) Di-n-butylphthalate	18.528	149	1424758	37.55	ng	#	99
75) Fluoranthene	19.604	202	1460153	34.60	ng		99
77) Benzidine	19.751	184	534263	42.27	ng		99
78) Pyrene	19.957	202	1463665	40.25	ng		98
80) Butylbenzylphthalate	20.775	149	587044	43.32	ng	#	86
81) Benzo(a)anthracene	21.651	228	1278719	36.19	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	349450	28.67	ng		99
83) Chrysene	21.704	228	1240862	36.55	ng		99
84) Bis(2-ethylhexyl)phtha...	21.522	149	828119	41.46	ng		99
85) Di-n-octyl phthalate	22.451	149	1416597	42.57	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.704	276	1407303	36.79	ng		98
88) Benzo(b)fluoranthene	23.392	252	1254009	36.13	ng		99
89) Benzo(k)fluoranthene	23.439	252	1256342	36.66	ng		99
90) Benzo(a)pyrene	24.033	252	1141746	35.54	ng		98
91) Dibenzo(a,h)anthracene	26.704	278	1195146	37.48	ng		98
92) Benzo(g,h,i)perylene	27.498	276	1184031	38.36	ng		97

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

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