Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
Data File : BP004011.D
Acq On : 19 Nov 2020 18:50
Operator : CG/JU
Sample : PB133118BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133118BS

Quant Time: Nov 19 23:56:59 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	134423	20.00	ng		-0.01
21) Naphthalene-d8	11.098	136	511284	20.00	ng		#-0.02
39) Acenaphthene-d10	14.892	164	306412	20.00	ng		-0.02
64) Phenanthrene-d10	17.628	188	615800	20.00	ng		#-0.01
76) Chrysene-d12	21.663	240	522606	20.00	ng		-0.01
86) Perylene-d12	24.133	264	543705	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	1075035	133.48	ng		0.00
7) Phenol-d6	7.446	99	1375076	118.93	ng		0.00
23) Nitrobenzene-d5	9.434	82	867612	83.11	ng		-0.01
42) 2,4,6-Tribromophenol	16.381	330	484230	126.35	ng		-0.01
45) 2-Fluorobiphenyl	13.516	172	1858746	84.81	ng		-0.01
79) Terphenyl-d14	20.122	244	2323203	85.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	115920	33.36	ng	#	60
3) Pyridine	3.922	79	359620	35.29	ng	#	61
4) n-Nitrosodimethylamine	3.822	42	209904	44.74	ng	#	54
6) Aniline	7.575	93	340139	25.91	ng	#	83
8) 2-Chlorophenol	7.840	128	416583	48.72	ng	#	79
9) Benzaldehyde	7.375	77	63161	8.98	ng	#	79
10) Phenol	7.475	94	526156	47.16	ng		82
11) bis(2-Chloroethyl)ether	7.657	93	413820	46.15	ng	#	80
12) 1,3-Dichlorobenzene	8.163	146	458548	43.76	ng	#	93
13) 1,4-Dichlorobenzene	8.304	146	466364	44.14	ng		96
14) 1,2-Dichlorobenzene	8.634	146	451460	44.74	ng		96
15) Benzyl Alcohol	8.504	79	387198	48.35	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	627461	41.54	ng		81
17) 2-Methylphenol	8.734	107	352542	48.13	ng	#	93
18) Hexachloroethane	9.381	117	173357	46.17	ng		98
19) n-Nitroso-di-n-propyla...	9.075	70	317737	45.98	ng	#	75
20) 3+4-Methylphenols	9.063	107	472870	48.36	ng		94
22) Acetophenone	9.093	105	615699	44.86	ng	#	85
24) Nitrobenzene	9.475	77	478893	46.16	ng	#	81
25) Isophorone	9.999	82	851686	48.03	ng	#	88
26) 2-Nitrophenol	10.204	139	225071	55.56	ng	#	77
27) 2,4-Dimethylphenol	10.269	122	374541	55.43	ng		90
28) bis(2-Chloroethoxy)met...	10.475	93	518209	42.59	ng		98
29) 2,4-Dichlorophenol	10.757	162	395418	48.56	ng		94
30) 1,2,4-Trichlorobenzene	10.969	180	433138	43.66	ng		99
31) Naphthalene	11.151	128	1228688	44.78	ng		100
32) Benzoic acid	10.446	122	109915	27.47	ng	#	77
33) 4-Chloroaniline	11.246	127	214897	18.43	ng	#	90
34) Hexachlorobutadiene	11.463	225	282448	43.65	ng		99
35) Caprolactam	11.987	113	121564	48.28	ng	#	14
36) 4-Chloro-3-methylphenol	12.381	107	420009	47.78	ng		88
37) 2-Methylnaphthalene	12.740	142	877664	44.70	ng		98
38) 1-Methylnaphthalene	12.957	142	817539	43.65	ng		98
40) 1,2,4,5-Tetrachloroben...	13.116	216	479853	47.32	ng		99
41) Hexachlorocyclopentadiene	13.110	237	506174	98.94	ng		98
43) 2,4,6-Trichlorophenol	13.345	196	296705	47.33	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.428	196	314251	47.61	ng	#	95
46) 1,1'-Biphenyl	13.728	154	1097284	46.13	ng		98
47) 2-Chloronaphthalene	13.775	162	862549	44.20	ng		99
48) 2-Nitroaniline	13.957	65	278639	47.85	ng	#	58
49) Acenaphthylene	14.616	152	1315716	45.91	ng		100
50) Dimethylphthalate	14.322	163	1062983	44.38	ng		100
51) 2,6-Dinitrotoluene	14.439	165	243153	49.48	ng	#	72
52) Acenaphthene	14.957	154	915857	47.98	ng		97
53) 3-Nitroaniline	14.769	138	129598	23.82	ng	#	73
54) 2,4-Dinitrophenol	14.986	184	185751	70.97	ng	#	79
55) Dibenzofuran	15.286	168	1285965	45.34	ng		99
56) 4-Nitrophenol	15.110	139	344686	87.91	ng	#	64
57) 2,4-Dinitrotoluene	15.234	165	327984	49.71	ng	#	74
58) Fluorene	15.934	166	1031772	45.43	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.528	232	264555	44.46	ng		98
60) Diethylphthalate	15.675	149	1058110	45.12	ng		99
61) 4-Chlorophenyl-phenyle...	15.910	204	545673	43.96	ng		97
62) 4-Nitroaniline	15.934	138	229882	40.54	ng		89
63) Azobenzene	16.204	77	1003047	45.30	ng		86
65) 4,6-Dinitro-2-methylph...	16.010	198	159373	48.06	ng	#	79
66) n-Nitrosodiphenylamine	16.122	169	911412	48.35	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	330935	45.93	ng		95
68) Hexachlorobenzene	16.969	284	369214	44.91	ng		97
69) Atrazine	17.051	200	274764	44.40	ng		100
70) Pentachlorophenol	17.298	266	296837	75.48	ng		99
71) Phenanthrene	17.669	178	1573498	45.53	ng		100
72) Anthracene	17.757	178	1639238	49.11	ng		99
73) Carbazole	18.010	167	1444932	46.66	ng		98
74) Di-n-butylphthalate	18.522	149	1750624	48.83	ng	#	99
75) Fluoranthene	19.604	202	1803600	45.23	ng		99
77) Benzidine	19.745	184	607781	49.30	ng		99
78) Pyrene	19.951	202	1824690	51.45	ng		99
80) Butylbenzylphthalate	20.769	149	734732	55.60	ng	#	85
81) Benzo(a)anthracene	21.645	228	1614259	46.84	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	277296	23.33	ng		100
83) Chrysene	21.698	228	1558333	47.06	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1035358	53.15	ng		99
85) Di-n-octyl phthalate	22.445	149	1767152	54.46	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.698	276	1787156	45.57	ng		98
88) Benzo(b)fluoranthene	23.380	252	1591474	44.73	ng		99
89) Benzo(k)fluoranthene	23.427	252	1569080	44.66	ng		99
90) Benzo(a)pyrene	24.027	252	1450101	44.03	ng		99
91) Dibenzo(a,h)anthracene	26.692	278	1510953	46.21	ng		98
92) Benzo(g,h,i)perylene	27.480	276	1508332	47.66	ng		98

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

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