Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091720\
Data File : BP003315.D
Acq On : 17 Sep 2020 14:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 15:51:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:18:39 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	109585	20.00	ng		0.00
21) Naphthalene-d8	10.387	136	373858	20.00	ng		#-0.01
39) Acenaphthene-d10	14.257	164	212761	20.00	ng		0.00
64) Phenanthrene-d10	17.010	188	453038	20.00	ng		# 0.00
76) Chrysene-d12	21.110	240	509080	20.00	ng		0.00
86) Perylene-d12	23.327	264	580365	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.222	112	497762	79.31	ng		0.00
7) Phenol-d6	6.805	99	624657	74.67	ng		0.00
23) Nitrobenzene-d5	8.757	82	506111	79.53	ng		-0.01
42) 2,4,6-Tribromophenol	15.757	330	223800	68.97	ng		0.00
45) 2-Fluorobiphenyl	12.875	172	1162877	79.94	ng		0.00
79) Terphenyl-d14	19.592	244	1811009	74.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	107125	41.54	ng		98
3) Pyridine	3.534	79	271034	39.47	ng		93
4) n-Nitrosodimethylamine	3.452	42	77921	37.93	ng		98
6) Aniline	6.940	93	351600	36.60	ng		95
8) 2-Chlorophenol	7.181	128	254696	36.44	ng		92
9) Benzaldehyde	6.757	77	170998	36.66	ng		90
10) Phenol	6.834	94	296966	37.17	ng		94
11) bis(2-Chloroethyl)ether	7.040	93	238680	37.70	ng		96
12) 1,3-Dichlorobenzene	7.505	146	316549	37.88	ng	#	95
13) 1,4-Dichlorobenzene	7.646	146	315441	37.31	ng		96
14) 1,2-Dichlorobenzene	7.963	146	297411	36.65	ng		97
15) Benzyl Alcohol	7.852	79	197620	35.55	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.146	45	179241	38.93	ng		92
17) 2-Methylphenol	8.069	107	204528	35.40	ng		96
18) Hexachloroethane	8.681	117	118436	37.60	ng		97
19) n-Nitroso-di-n-propyla...	8.416	70	152340	33.99	ng		95
20) 3+4-Methylphenols	8.399	107	266772	34.70	ng		96
22) Acetophenone	8.428	105	351639	38.30	ng		96
24) Nitrobenzene	8.799	77	252771	39.70	ng		87
25) Isophorone	9.328	82	433771	37.19	ng		93
26) 2-Nitrophenol	9.510	139	128413	36.92	ng	#	83
27) 2,4-Dimethylphenol	9.587	122	184179	37.45	ng		93
28) bis(2-Chloroethoxy)met...	9.810	93	298742	38.48	ng		98
29) 2,4-Dichlorophenol	10.057	162	225958	36.77	ng		96
30) 1,2,4-Trichlorobenzene	10.257	180	275561	37.79	ng		100
31) Naphthalene	10.440	128	747619	37.86	ng		99
32) Benzoic acid	9.751	122	92817	30.50	ng		82
33) 4-Chloroaniline	10.551	127	305670	36.43	ng	#	95
34) Hexachlorobutadiene	10.734	225	184158	37.00	ng		99
35) Caprolactam	11.310	113	67575	32.95	ng		91
36) 4-Chloro-3-methylphenol	11.704	107	227972	34.40	ng		90
37) 2-Methylnaphthalene	12.063	142	512355	35.81	ng		97
38) 1-Methylnaphthalene	12.281	142	482109	35.49	ng		98
40) 1,2,4,5-Tetrachloroben...	12.440	216	275288	39.52	ng		99
41) Hexachlorocyclopentadiene	12.422	237	69757	39.42	ng		98
43) 2,4,6-Trichlorophenol	12.692	196	172525	38.31	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.775	196	174792	37.73	ng	#	96
46) 1,1'-Biphenyl	13.087	154	633959	39.95	ng		99
47) 2-Chloronaphthalene	13.122	162	519599	39.54	ng		97
48) 2-Nitroaniline	13.334	65	130659	39.29	ng	#	79
49) Acenaphthylene	13.975	152	783650	39.03	ng		99
50) Dimethylphthalate	13.722	163	634991	37.38	ng		100
51) 2,6-Dinitrotoluene	13.839	165	136229	37.41	ng	#	88
52) Acenaphthene	14.322	154	471716	38.61	ng		100
53) 3-Nitroaniline	14.169	138	152121	38.55	ng		85
54) 2,4-Dinitrophenol	14.392	184	47284	32.20	ng	#	93
55) Dibenzofuran	14.663	168	743644	38.13	ng		97
56) 4-Nitrophenol	14.510	139	86560	35.89	ng		80
57) 2,4-Dinitrotoluene	14.634	165	186346	36.90	ng	#	78
58) Fluorene	15.310	166	577845	37.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	150023	34.44	ng		99
60) Diethylphthalate	15.092	149	639137	36.88	ng		100
61) 4-Chlorophenyl-phenyle...	15.310	204	312472	37.16	ng		99
62) 4-Nitroaniline	15.334	138	160710	38.37	ng		79
63) Azobenzene	15.604	77	521060	39.44	ng		94
65) 4,6-Dinitro-2-methylph...	15.410	198	85854	35.91	ng		96
66) n-Nitrosodiphenylamine	15.528	169	515857	38.76	ng		100
67) 4-Bromophenyl-phenylether	16.204	248	203683	37.20	ng		95
68) Hexachlorobenzene	16.328	284	236776	36.40	ng		94
69) Atrazine	16.486	200	192815	36.94	ng		100
70) Pentachlorophenol	16.680	266	81172	33.38	ng		98
71) Phenanthrene	17.057	178	949107	38.51	ng		99
72) Anthracene	17.145	178	931832	38.36	ng		99
73) Carbazole	17.422	167	882643	38.25	ng		99
74) Di-n-butylphthalate	17.986	149	1126820	38.20	ng	#	99
75) Fluoranthene	19.039	202	1171309	37.79	ng		99
77) Benzidine	19.222	184	608151	38.52	ng		99
78) Pyrene	19.386	202	1197857	37.73	ng		99
80) Butylbenzylphthalate	20.269	149	555892	38.27	ng		90
81) Benzo(a)anthracene	21.098	228	1246680	37.88	ng		100
82) 3,3'-Dichlorobenzidine	21.033	252	492754	38.74	ng		99
83) Chrysene	21.151	228	1205975	38.14	ng		99
84) Bis(2-ethylhexyl)phtha...	21.039	149	802710	39.25	ng		99
85) Di-n-octyl phthalate	21.904	149	1447847	38.75	ng		98
87) Indeno(1,2,3-cd)pyrene	25.592	276	1709554	38.86	ng		98
88) Benzo(b)fluoranthene	22.663	252	1397897	38.14	ng		99
89) Benzo(k)fluoranthene	22.710	252	1331532	37.91	ng		99
90) Benzo(a)pyrene	23.233	252	1317073	38.11	ng		99
91) Dibenzo(a,h)anthracene	25.598	278	1406008	38.73	ng		99
92) Benzo(g,h,i)perylene	26.280	276	1389303	38.34	ng		98

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

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