Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004038.D
Acq On : 21 Nov 2020 15:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 23 04:58:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	147545	20.00	ng		-0.02
21) Naphthalene-d8	11.099	136	567442	20.00	ng		#-0.03
39) Acenaphthene-d10	14.893	164	357952	20.00	ng		-0.02
64) Phenanthrene-d10	17.622	188	759301	20.00	ng		#-0.01
76) Chrysene-d12	21.657	240	678232	20.00	ng		0.00
86) Perylene-d12	24.121	264	727271	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	669425	75.72	ng		0.00
7) Phenol-d6	7.458	99	952596	75.06	ng		0.00
23) Nitrobenzene-d5	9.434	82	805885	69.55	ng		-0.02
42) 2,4,6-Tribromophenol	16.375	330	348200	77.77	ng		-0.01
45) 2-Fluorobiphenyl	13.510	172	1903683	74.35	ng		-0.02
79) Terphenyl-d14	20.122	244	2820692	80.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	131795	34.56	ng	#	62
3) Pyridine	3.923	79	395854	35.39	ng	#	60
4) n-Nitrosodimethylamine	3.823	42	190480	36.99	ng	#	54
6) Aniline	7.575	93	540177	37.49	ng	#	84
8) 2-Chlorophenol	7.846	128	359352	38.29	ng		83
9) Benzaldehyde	7.369	77	227770	39.97	ng	#	82
10) Phenol	7.481	94	454630	37.13	ng		83
11) bis(2-Chloroethyl)ether	7.658	93	359707	36.55	ng	#	81
12) 1,3-Dichlorobenzene	8.163	146	431330	37.50	ng	#	96
13) 1,4-Dichlorobenzene	8.305	146	435405	37.55	ng		96
14) 1,2-Dichlorobenzene	8.634	146	416251	37.58	ng		96
15) Benzyl Alcohol	8.505	79	338262	38.48	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.793	45	542155	32.70	ng		83
17) 2-Methylphenol	8.746	107	303338	37.73	ng		94
18) Hexachloroethane	9.375	117	155517	37.73	ng		96
19) n-Nitroso-di-n-propyla...	9.069	70	269715	35.56	ng	#	78
20) 3+4-Methylphenols	9.069	107	392987	36.62	ng	#	85
22) Acetophenone	9.087	105	528541	34.70	ng	#	83
24) Nitrobenzene	9.475	77	397974	34.56	ng	#	84
25) Isophorone	9.999	82	710687	36.11	ng	#	91
26) 2-Nitrophenol	10.199	139	201728	44.87	ng	#	75
27) 2,4-Dimethylphenol	10.275	122	281183	37.49	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	468530	34.70	ng		97
29) 2,4-Dichlorophenol	10.763	162	344134	38.08	ng		95
30) 1,2,4-Trichlorobenzene	10.969	180	415144	37.71	ng		98
31) Naphthalene	11.146	128	1130644	37.13	ng		100
32) Benzoic acid	10.457	122	122268	27.51	ng	#	77
33) 4-Chloroaniline	11.240	127	480491	37.13	ng	#	89
34) Hexachlorobutadiene	11.457	225	276741	38.54	ng		99
35) Caprolactam	11.987	113	118401	42.37	ng	#	19
36) 4-Chloro-3-methylphenol	12.387	107	377692	38.72	ng		91
37) 2-Methylnaphthalene	12.734	142	808990	37.13	ng		98
38) 1-Methylnaphthalene	12.951	142	769490	37.02	ng		98
40) 1,2,4,5-Tetrachloroben...	13.116	216	449332	37.93	ng		100
41) Hexachlorocyclopentadiene	13.104	237	173977	29.11	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	286743	39.15	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	295670	38.35	ng		96
46) 1,1'-Biphenyl	13.722	154	1026175	36.93	ng		98
47) 2-Chloronaphthalene	13.775	162	851770	37.36	ng		100
48) 2-Nitroaniline	13.957	65	287311	42.23	ng	#	60
49) Acenaphthylene	14.610	152	1265154	37.79	ng		99
50) Dimethylphthalate	14.322	163	1064359	38.04	ng		99
51) 2,6-Dinitrotoluene	14.440	165	231417	40.31	ng	#	76
52) Acenaphthene	14.957	154	820843	36.81	ng		99
53) 3-Nitroaniline	14.775	138	254033	39.98	ng	#	76
54) 2,4-Dinitrophenol	14.993	184	70187	30.84	ng	#	87
55) Dibenzofuran	15.281	168	1230440	37.14	ng		99
56) 4-Nitrophenol	15.128	139	160311	35.00	ng	#	65
57) 2,4-Dinitrotoluene	15.234	165	323063	41.91	ng	#	78
58) Fluorene	15.928	166	989556	37.30	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	244892	35.23	ng		98
60) Diethylphthalate	15.675	149	1051462	38.38	ng		99
61) 4-Chlorophenyl-phenyle...	15.904	204	542286	37.40	ng		98
62) 4-Nitroaniline	15.934	138	266566	40.24	ng		85
63) Azobenzene	16.198	77	957521	37.02	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	141019	36.28	ng		83
66) n-Nitrosodiphenylamine	16.122	169	868860	37.38	ng		97
67) 4-Bromophenyl-phenylether	16.798	248	336414	37.87	ng		97
68) Hexachlorobenzene	16.963	284	379926	37.48	ng		97
69) Atrazine	17.051	200	293025	38.40	ng		100
70) Pentachlorophenol	17.304	266	118785	24.50	ng		98
71) Phenanthrene	17.663	178	1564673	36.72	ng		99
72) Anthracene	17.751	178	1539314	37.40	ng		99
73) Carbazole	18.010	167	1424820	37.32	ng		99
74) Di-n-butylphthalate	18.522	149	1790593	40.51	ng		99
75) Fluoranthene	19.598	202	1839992	37.42	ng		99
77) Benzidine	19.745	184	670272	41.90	ng		100
78) Pyrene	19.951	202	1872099	40.68	ng		98
80) Butylbenzylphthalate	20.763	149	807065	47.06	ng	#	85
81) Benzo(a)anthracene	21.639	228	1692016	37.83	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	621289	40.27	ng		99
83) Chrysene	21.698	228	1627779	37.88	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1054517	41.72	ng		99
85) Di-n-octyl phthalate	22.439	149	1785969	42.41	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.680	276	1896611	36.15	ng		97
88) Benzo(b)fluoranthene	23.374	252	1673694	35.17	ng		99
89) Benzo(k)fluoranthene	23.422	252	1628849	34.66	ng		99
90) Benzo(a)pyrene	24.016	252	1602012	36.36	ng		100
91) Dibenzo(a,h)anthracene	26.674	278	1586855	36.29	ng		98
92) Benzo(g,h,i)perylene	27.468	276	1554924	36.73	ng		98

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

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