Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121120\
Data File : BP004227.D
Acq On : 11 Dec 2020 13:25
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 13:54:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 12:39:37 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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12/14/2020 2:43:33 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	420254	20.00	ng		0.00
21) Naphthalene-d8	10.628	136	1501125	20.00	ng		# 0.00
39) Acenaphthene-d10	14.475	164	879509	20.00	ng		0.00
64) Phenanthrene-d10	17.233	188	1904805	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	1908766	20.00	ng		0.00
86) Perylene-d12	23.674	264	2093135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	3710508	147.36	ng		0.00
7) Phenol-d6	6.999	99	5093237	140.91	ng		0.00
23) Nitrobenzene-d5	8.987	82	4564637	148.92	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1850739	168.24	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	9452761	150.26	ng		0.00
79) Terphenyl-d14	19.798	244	12555063	127.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	829460	76.35	ng	#	85
3) Pyridine	3.746	79	2323516m	72.92	ng		
4) n-Nitrosodimethylamine	3.664	42	760182	51.82	ng	#	83
6) Aniline	7.163	93	2970309	72.37	ng	#	91
8) 2-Chlorophenol	7.399	128	1930968	72.23	ng		87
10) Phenol	7.022	94	2495552	71.55	ng		92
11) bis(2-Chloroethyl)ether	7.258	93	2032440	72.50	ng		88
12) 1,3-Dichlorobenzene	7.722	146	2401526	73.30	ng	#	94
13) 1,4-Dichlorobenzene	7.869	146	2426394	73.46	ng		98
14) 1,2-Dichlorobenzene	8.187	146	2251874	71.37	ng		98
15) Benzyl Alcohol	8.069	79	1703344	68.04	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.363	45	2513558	53.23	ng		89
17) 2-Methylphenol	8.269	107	1641472	71.68	ng		97
18) Hexachloroethane	8.910	117	891097	75.91	ng		95
19) n-Nitroso-di-n-propyla...	8.640	70	1473548	68.21	ng	#	86
20) 3+4-Methylphenols	8.599	107	2220499	72.64	ng		96
22) Acetophenone	8.652	105	2904430	72.09	ng	#	92
24) Nitrobenzene	9.028	77	2240578	73.56	ng	#	83
25) Isophorone	9.557	82	3948335	75.84	ng	#	92
26) 2-Nitrophenol	9.740	139	994948	83.65	ng	#	86
27) 2,4-Dimethylphenol	9.799	122	1500416	75.63	ng		96
28) bis(2-Chloroethoxy)met...	10.040	93	2679182	75.00	ng		98
29) 2,4-Dichlorophenol	10.269	162	1847482	77.28	ng		96
30) 1,2,4-Trichlorobenzene	10.493	180	2219601	76.21	ng		99
31) Naphthalene	10.675	128	6010657	74.62	ng		100
32) Benzoic acid	9.957	122	1105867	91.53	ng	#	82
33) 4-Chloroaniline	10.787	127	2592536	75.73	ng	#	93
34) Hexachlorobutadiene	10.969	225	1410310	74.24	ng		99
35) Caprolactam	11.569	113	606478	82.05	ng	#	51
36) 4-Chloro-3-methylphenol	11.910	107	1852136	71.77	ng		94
37) 2-Methylnaphthalene	12.293	142	4241090	73.57	ng		98
38) 1-Methylnaphthalene	12.510	142	4015307	73.03	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	2320881	79.73	ng		99
41) Hexachlorocyclopentadiene	12.645	237	1263522	86.04	ng		100
43) 2,4,6-Trichlorophenol	12.898	196	1487659	82.68	ng		100
44) 2,4,5-Trichlorophenol	12.969	196	1573701	83.06	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.310	154	5274158	77.25	ng		98
47) 2-Chloronaphthalene	13.345	162	4337041	77.42	ng		99
48) 2-Nitroaniline	13.545	65	1292908	77.35	ng	#	68
49) Acenaphthylene	14.198	152	6474501	78.71	ng		99
50) Dimethylphthalate	13.940	163	5292619	76.99	ng		100
51) 2,6-Dinitrotoluene	14.051	165	1182244	83.81	ng	#	84
52) Acenaphthene	14.539	154	3993108	72.87	ng		99
53) 3-Nitroaniline	14.381	138	1333228	85.39	ng	#	79
54) 2,4-Dinitrophenol	14.581	184	553681	91.24	ng	#	86
55) Dibenzofuran	14.875	168	6194458	76.09	ng		98
56) 4-Nitrophenol	14.681	139	1012036	89.93	ng	#	78
57) 2,4-Dinitrotoluene	14.839	165	1629960	86.06	ng	#	82
58) Fluorene	15.528	166	4839754	74.24	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	1424236	83.39	ng		97
60) Diethylphthalate	15.310	149	5193687	77.16	ng		98
61) 4-Chlorophenyl-phenyle...	15.528	204	2687448	75.44	ng		94
62) 4-Nitroaniline	15.551	138	1372198	84.30	ng		89
63) Azobenzene	15.822	77	4810074	75.68	ng		91
65) 4,6-Dinitro-2-methylph...	15.604	198	753342	80.80	ng		90
66) n-Nitrosodiphenylamine	15.739	169	4337119	74.38	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	1766849	79.28	ng		96
68) Hexachlorobenzene	16.539	284	2042639	80.32	ng		97
69) Atrazine	16.698	200	1487692	77.72	ng		99
70) Pentachlorophenol	16.881	266	1122956	92.31	ng		100
71) Phenanthrene	17.275	178	7878796	73.70	ng		97
72) Anthracene	17.369	178	7703027	74.61	ng		98
73) Carbazole	17.639	167	7269744	75.89	ng		100
74) Di-n-butylphthalate	18.198	149	8441658	76.13	ng	#	96
75) Fluoranthene	19.245	202	9253233	75.02	ng		95
77) Benzidine	19.427	184	2696315	59.89	ng		97
78) Pyrene	19.598	202	9405946	72.62	ng		96
80) Butylbenzylphthalate	20.480	149	3872859	80.24	ng	#	85
81) Benzo(a)anthracene	21.310	228	9289962	73.80	ng		95
83) Chrysene	21.363	228	8844877	73.13	ng		95
87) Indeno(1,2,3-cd)pyrene	26.104	276	12205344	80.83	ng		100
88) Benzo(b)fluoranthene	22.963	252	9943168	72.59	ng		98
89) Benzo(k)fluoranthene	23.015	252	9862142	72.92	ng		99
90) Benzo(a)pyrene	23.574	252	9469700	74.68	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	9778607	77.69	ng		99
92) Benzo(g,h,i)perylene	26.839	276	9781679	80.29	ng		99

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

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