Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004504.D
Acq On : 12 Jan 2021 14:04
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 12 14:36:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 12:59:31 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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1/13/2021 3:14:48 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	228126	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	828581	20.00	ng		# 0.00
39) Acenaphthene-d10	14.469	164	535956	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1202225	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1222136	20.00	ng		0.00
86) Perylene-d12	23.680	264	1419140	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1842216	132.33	ng		0.00
7) Phenol-d6	6.993	99	2490523	127.06	ng		0.00
23) Nitrobenzene-d5	8.981	82	2163736	124.14	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1426293	199.45	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	5867220	138.74	ng		0.00
79) Terphenyl-d14	19.792	244	8962757	140.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	369262	55.95	ng		93
3) Pyridine	3.723	79	1019390m	56.94	ng		
4) n-Nitrosodimethylamine	3.640	42	323426	55.96	ng		88
6) Aniline	7.146	93	1432717	63.41	ng		96
8) 2-Chlorophenol	7.381	128	1042428	70.14	ng		94
10) Phenol	7.016	94	1199266	61.91	ng		95
11) bis(2-Chloroethyl)ether	7.246	93	965517	59.94	ng		96
12) 1,3-Dichlorobenzene	7.705	146	1284791	67.09	ng		98
13) 1,4-Dichlorobenzene	7.852	146	1304461	67.66	ng		99
14) 1,2-Dichlorobenzene	8.169	146	1229149	67.29	ng		100
15) Benzyl Alcohol	8.058	79	835841	68.60	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	988369	48.11	ng		95
17) 2-Methylphenol	8.263	107	851033	68.89	ng		98
18) Hexachloroethane	8.893	117	451027	64.62	ng		92
19) n-Nitroso-di-n-propyla...	8.628	70	681023	58.75	ng		94
20) 3+4-Methylphenols	8.593	107	1164561	70.96	ng		99
22) Acetophenone	8.640	105	1486555	66.48	ng		97
24) Nitrobenzene	9.022	77	1063415	61.93	ng		92
25) Isophorone	9.546	82	1922349	67.10	ng		96
26) 2-Nitrophenol	9.728	139	615903	99.17	ng		93
27) 2,4-Dimethylphenol	9.793	122	819076	75.77	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	1318680	64.68	ng		99
29) 2,4-Dichlorophenol	10.263	162	1095224	86.21	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	1305096	76.82	ng		99
31) Naphthalene	10.663	128	3313669	70.37	ng		100
33) 4-Chloroaniline	10.775	127	1446116	76.05	ng		97
34) Hexachlorobutadiene	10.946	225	884298	83.06	ng		98
35) Caprolactam	11.575	113	344582	82.56	ng	#	79
36) 4-Chloro-3-methylphenol	11.910	107	1030831	80.87	ng		98
37) 2-Methylnaphthalene	12.281	142	2424376	73.68	ng		100
38) 1-Methylnaphthalene	12.499	142	2297677	73.59	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	1454432	75.03	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	972055	90.18	ng		99
44) 2,4,5-Trichlorophenol	12.969	196	1013116	86.92	ng		98
46) 1,1'-Biphenyl	13.299	154	3130094	69.12	ng		99
47) 2-Chloronaphthalene	13.340	162	2603274	70.06	ng		98

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48) 2-Nitroaniline	13.546	65	629514	65.97	ng		88
49) Acenaphthylene	14.187	152	3881177	70.99	ng		99
50) Dimethylphthalate	13.928	163	3250156	73.70	ng		99
51) 2,6-Dinitrotoluene	14.046	165	719936	77.67	ng		94
52) Acenaphthene	14.534	154	2361776	69.24	ng		99
53) 3-Nitroaniline	14.381	138	789799	77.78	ng		93
55) Dibenzofuran	14.869	168	3792983	70.28	ng		98
56) 4-Nitrophenol	14.698	139	588334	77.40	ng		92
57) 2,4-Dinitrotoluene	14.845	165	1014571	83.16	ng		95
58) Fluorene	15.522	166	2979200	70.31	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	945498	88.10	ng	#	91
60) Diethylphthalate	15.298	149	3173603	75.03	ng		97
61) 4-Chlorophenyl-phenyle...	15.516	204	1711171	74.21	ng		91
62) 4-Nitroaniline	15.551	138	825302	77.88	ng		95
63) Azobenzene	15.810	77	2362729	58.65	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	581588	106.25	ng		96
66) n-Nitrosodiphenylamine	15.734	169	2680688	70.75	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	1201768	80.20	ng		92
68) Hexachlorobenzene	16.534	284	1424468	79.68	ng		96
69) Atrazine	16.692	200	869508	70.93	ng		97
70) Pentachlorophenol	16.881	266	708303	83.59	ng		94
71) Phenanthrene	17.275	178	4924430	68.12	ng		99
72) Anthracene	17.363	178	4775717	69.95	ng		99
73) Carbazole	17.634	167	4426509	70.00	ng		100
74) Di-n-butylphthalate	18.186	149	5297803	77.23	ng		98
75) Fluoranthene	19.245	202	5921243	71.31	ng		98
77) Benzidine	19.422	184	2151788	101.75	ng		99
78) Pyrene	19.598	202	6021168	72.29	ng		98
80) Butylbenzylphthalate	20.469	149	2473560	92.67	ng	#	94
81) Benzo(a)anthracene	21.310	228	5955510	70.96	ng		98
82) 3,3'-Dichlorobenzidine	21.239	252	2145182	90.25	ng	#	98
83) Chrysene	21.363	228	5672559	70.16	ng		98
84) Bis(2-ethylhexyl)phtha...	21.227	149	3417198	83.16	ng	#	96
85) Di-n-octyl phthalate	22.133	149	5910255	92.66	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	7947804	73.26	ng	#	95
88) Benzo(b)fluoranthene	22.969	252	6652658	71.14	ng		98
89) Benzo(k)fluoranthene	23.016	252	6141191	66.14	ng		98
90) Benzo(a)pyrene	23.580	252	6173804	72.42	ng		97
91) Dibenzo(a,h)anthracene	26.133	278	6488371	72.75	ng	#	97
92) Benzo(g,h,i)perylene	26.868	276	6461134	74.19	ng	#	95

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

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