Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
Data File : BP006789.D
Acq On : 19 Aug 2021 19:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 20 02:02:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	159119	20.000	ng		-0.01
21) Naphthalene-d8	10.481	136	626899	20.000	ng		#-0.01
39) Acenaphthene-d10	14.339	164	349867	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	697614	20.000	ng		# 0.00
76) Chrysene-d12	21.204	240	686747	20.000	ng		# 0.00
86) Perylene-d12	23.515	264	731266	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	914933	88.317	ng		0.00
7) Phenol-d6	6.881	99	1232631	83.760	ng		0.00
23) Nitrobenzene-d5	8.857	82	1217314	89.629	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	360236	98.519	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2171502	92.859	ng		0.00
79) Terphenyl-d14	19.680	244	3195216	93.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	190875	42.321	ng		96
3) Pyridine	3.634	79	527611	39.801	ng		96
4) n-Nitrosodimethylamine	3.552	42	182672	36.510	ng	#	69
6) Aniline	7.034	93	656471	41.067	ng		97
8) 2-Chlorophenol	7.263	128	501197	44.714	ng		94
9) Benzaldehyde	6.846	77	395238	44.623	ng		92
10) Phenol	6.910	94	614434	41.639	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	470043	41.951	ng		94
12) 1,3-Dichlorobenzene	7.581	146	526147	45.038	ng		97
13) 1,4-Dichlorobenzene	7.728	146	528596	44.583	ng		97
14) 1,2-Dichlorobenzene	8.040	146	508664	44.710	ng		97
15) Benzyl Alcohol	7.946	79	454804	41.211	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	512523	38.439	ng		94
17) 2-Methylphenol	8.151	107	407263	43.708	ng		99
18) Hexachloroethane	8.763	117	203899	43.449	ng		90
19) n-Nitroso-di-n-propyla...	8.510	70	405988	41.121	ng		94
20) 3+4-Methylphenols	8.481	107	552396	43.555	ng		97
22) Acetophenone	8.522	105	737373	44.353	ng	#	98
24) Nitrobenzene	8.898	77	616725	43.682	ng		92
25) Isophorone	9.428	82	1092950	44.803	ng		95
26) 2-Nitrophenol	9.604	139	256492	49.920	ng		93
27) 2,4-Dimethylphenol	9.675	122	394727	45.877	ng		98
28) bis(2-Chloroethoxy)met...	9.910	93	574841	44.041	ng		98
29) 2,4-Dichlorophenol	10.134	162	420383	48.260	ng		94
30) 1,2,4-Trichlorobenzene	10.345	180	434818	46.454	ng		98
31) Naphthalene	10.528	128	1525359	45.281	ng		99
32) Benzoic acid	9.834	122	345640	51.929	ng		90
33) 4-Chloroaniline	10.651	127	603024	44.237	ng		95
34) Hexachlorobutadiene	10.810	225	264300	48.455	ng		99
35) Caprolactam	11.469	113	148987	47.433	ng	#	72
36) 4-Chloro-3-methylphenol	11.786	107	515594	46.587	ng		90
37) 2-Methylnaphthalene	12.145	142	1030254	45.134	ng		98
38) 1-Methylnaphthalene	12.369	142	976418	45.012	ng		97
40) 1,2,4,5-Tetrachloroben...	12.516	216	431657	47.139	ng	#	96
41) Hexachlorocyclopentadiene	12.492	237	127153	26.181	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	311927	49.888	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	337207	48.722	ng	#	88
46) 1,1'-Biphenyl	13.175	154	1214634	45.867	ng		98
47) 2-Chloronaphthalene	13.210	162	935095	45.854	ng		94
48) 2-Nitroaniline	13.428	65	337684	46.921	ng		86
49) Acenaphthylene	14.057	152	1518425	46.177	ng		100
50) Dimethylphthalate	13.816	163	1176867	46.211	ng		99
51) 2,6-Dinitrotoluene	13.933	165	266376	46.874	ng	#	81
52) Acenaphthene	14.404	154	914358	45.689	ng		98
53) 3-Nitroaniline	14.263	138	293911	46.652	ng		84
54) 2,4-Dinitrophenol	14.469	184	131283	44.176	ng	#	77
55) Dibenzofuran	14.739	168	1433024	45.524	ng		92
56) 4-Nitrophenol	14.580	139	256118	46.819	ng		87
57) 2,4-Dinitrotoluene	14.722	165	367576	48.230	ng	#	78
58) Fluorene	15.392	166	1156291	45.957	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	285240	49.179	ng	#	71
60) Diethylphthalate	15.180	149	1256411	46.970	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	525097	46.084	ng	#	88
62) 4-Nitroaniline	15.427	138	307874	46.053	ng		92
63) Azobenzene	15.686	77	1439511	46.158	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	191398	44.902	ng		75
66) n-Nitrosodiphenylamine	15.616	169	983312	44.845	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	312419	46.675	ng	#	87
68) Hexachlorobenzene	16.398	284	349984	45.947	ng	#	92
69) Atrazine	16.580	200	326541	47.724	ng		96
70) Pentachlorophenol	16.745	266	238281	49.304	ng		99
71) Phenanthrene	17.139	178	1765927	44.878	ng		99
72) Anthracene	17.233	178	1750716	46.044	ng		100
73) Carbazole	17.510	167	1757290	45.310	ng		98
74) Di-n-butylphthalate	18.074	149	2213070	50.085	ng		99
75) Fluoranthene	19.121	202	2042200	46.239	ng		95
77) Benzidine	19.315	184	726176	42.257	ng		99
78) Pyrene	19.474	202	2106599	45.924	ng		98
80) Butylbenzylphthalate	20.363	149	1067697	52.933	ng		86
81) Benzo(a)anthracene	21.192	228	2046945	45.608	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	633566	53.771	ng	#	99
83) Chrysene	21.245	228	1979876	45.503	ng		100
84) Bis(2-ethylhexyl)phtha...	21.133	149	1593048	52.555	ng	#	96
85) Di-n-octyl phthalate	22.027	149	2742207	54.887	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.903	276	2455916	46.317	ng	#	90
88) Benzo(b)fluoranthene	22.815	252	2174294	45.749	ng	#	97
89) Benzo(k)fluoranthene	22.862	252	2003712	43.911	ng	#	97
90) Benzo(a)pyrene	23.415	252	1962366	46.034	ng	#	95
91) Dibenzo(a,h)anthracene	25.921	278	2106791	45.954	ng	#	93
92) Benzo(g,h,i)perylene	26.633	276	2029417	46.194	ng	#	90

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

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