Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006872.D
Acq On : 25 Aug 2021 05:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 25 06:05:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 13:40:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	150947	20.000	ng		0.00
21) Naphthalene-d8	10.463	136	610878	20.000	ng		#-0.01
39) Acenaphthene-d10	14.328	164	341045	20.000	ng		-0.01
64) Phenanthrene-d10	17.087	188	679441	20.000	ng		#-0.01
76) Chrysene-d12	21.192	240	689704	20.000	ng		#-0.02
86) Perylene-d12	23.498	264	758320	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	826785	84.128	ng		0.00
7) Phenol-d6	6.875	99	1113461	79.759	ng		0.00
23) Nitrobenzene-d5	8.846	82	1096390	82.842	ng		0.00
42) 2,4,6-Tribromophenol	15.828	330	327586	91.908	ng		-0.02
45) 2-Fluorobiphenyl	12.946	172	1959663	85.968	ng		-0.01
79) Terphenyl-d14	19.669	244	2944173	85.537	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	170161	39.770	ng		96
3) Pyridine	3.628	79	472004	37.534	ng		97
4) n-Nitrosodimethylamine	3.540	42	169189	35.646	ng	#	78
6) Aniline	7.022	93	590085	38.913	ng		97
8) 2-Chlorophenol	7.252	128	446502	41.991	ng		94
9) Benzaldehyde	6.834	77	316234	37.636	ng		92
10) Phenol	6.899	94	551272	39.381	ng		99
11) bis(2-Chloroethyl)ether	7.122	93	414058	38.955	ng		94
12) 1,3-Dichlorobenzene	7.569	146	466715	42.113	ng		96
13) 1,4-Dichlorobenzene	7.716	146	472790	42.035	ng		97
14) 1,2-Dichlorobenzene	8.028	146	452620	41.938	ng		96
15) Benzyl Alcohol	7.934	79	404361	38.624	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	426339	33.706	ng		97
17) 2-Methylphenol	8.140	107	362330	40.991	ng		99
18) Hexachloroethane	8.746	117	188770	42.403	ng		91
19) n-Nitroso-di-n-propyla...	8.499	70	356924	38.108	ng		94
20) 3+4-Methylphenols	8.469	107	494681	41.116	ng		98
22) Acetophenone	8.510	105	668589	41.271	ng	#	98
24) Nitrobenzene	8.887	77	559281	40.653	ng		93
25) Isophorone	9.416	82	976305	41.071	ng		96
26) 2-Nitrophenol	9.593	139	231473	46.232	ng		94
27) 2,4-Dimethylphenol	9.663	122	349455	41.681	ng		95
28) bis(2-Chloroethoxy)met...	9.899	93	505088	39.712	ng		98
29) 2,4-Dichlorophenol	10.122	162	374101	44.073	ng		94
30) 1,2,4-Trichlorobenzene	10.328	180	389341	42.686	ng		96
31) Naphthalene	10.516	128	1364584	41.571	ng		99
32) Benzoic acid	9.828	122	271884	41.919	ng		92
33) 4-Chloroaniline	10.640	127	546274	41.125	ng		96
34) Hexachlorobutadiene	10.793	225	239727	45.103	ng		100
35) Caprolactam	11.457	113	131476	42.956	ng	#	76
36) 4-Chloro-3-methylphenol	11.775	107	463747	43.001	ng		92
37) 2-Methylnaphthalene	12.134	142	928547	41.745	ng		99
38) 1-Methylnaphthalene	12.357	142	876218	41.452	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	390539	43.752	ng	#	96
41) Hexachlorocyclopentadiene	12.481	237	175728	37.119	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	281181	46.134	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	301785	44.732	ng	#	87
46) 1,1'-Biphenyl	13.157	154	1100079	42.616	ng		97
47) 2-Chloronaphthalene	13.198	162	850242	42.771	ng		94
48) 2-Nitroaniline	13.416	65	307077	43.772	ng		85
49) Acenaphthylene	14.045	152	1380356	43.064	ng		100
50) Dimethylphthalate	13.804	163	1062001	42.779	ng		99
51) 2,6-Dinitrotoluene	13.922	165	242514	43.779	ng	#	75
52) Acenaphthene	14.393	154	828325	42.461	ng		96
53) 3-Nitroaniline	14.251	138	268797	43.770	ng		83
54) 2,4-Dinitrophenol	14.463	184	120210	41.497	ng	#	80
55) Dibenzofuran	14.728	168	1297125	42.273	ng		93
56) 4-Nitrophenol	14.569	139	228476	42.846	ng	#	88
57) 2,4-Dinitrotoluene	14.710	165	334798	45.066	ng	#	73
58) Fluorene	15.381	166	1041264	42.455	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	252087	44.587	ng	#	69
60) Diethylphthalate	15.169	149	1139047	43.684	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	477645	43.004	ng	#	89
62) 4-Nitroaniline	15.422	138	281748	43.235	ng		95
63) Azobenzene	15.675	77	1299387	42.743	ng		93
65) 4,6-Dinitro-2-methylph...	15.481	198	181542	43.729	ng		80
66) n-Nitrosodiphenylamine	15.604	169	894481	41.885	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	283456	43.480	ng	#	86
68) Hexachlorobenzene	16.381	284	318557	42.939	ng	#	82
69) Atrazine	16.569	200	277629	41.661	ng		95
70) Pentachlorophenol	16.739	266	209034	44.409	ng		98
71) Phenanthrene	17.128	178	1610327	42.018	ng		99
72) Anthracene	17.222	178	1588339	42.891	ng		100
73) Carbazole	17.498	167	1600547	42.373	ng		98
74) Di-n-butylphthalate	18.063	149	1942661	45.141	ng		99
75) Fluoranthene	19.110	202	1859768	43.235	ng		95
77) Benzidine	19.298	184	673954	39.050	ng		98
78) Pyrene	19.463	202	1913412	41.534	ng		98
80) Butylbenzylphthalate	20.351	149	930560	45.936	ng	#	84
81) Benzo(a)anthracene	21.180	228	1934478	42.917	ng		100
82) 3,3'-Dichlorobenzidine	21.122	252	520246	43.965	ng	#	98
83) Chrysene	21.227	228	1866950	42.724	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	1397404	45.903	ng	#	95
85) Di-n-octyl phthalate	22.016	149	2471949	49.265	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.874	276	2377531	43.239	ng	#	91
88) Benzo(b)fluoranthene	22.798	252	2055059	41.697	ng	#	97
89) Benzo(k)fluoranthene	22.845	252	1963090	41.486	ng	#	97
90) Benzo(a)pyrene	23.398	252	1882719	42.590	ng	#	95
91) Dibenzo(a,h)anthracene	25.892	278	2041720	42.946	ng	#	95
92) Benzo(g,h,i)perylene	26.604	276	1961733	43.060	ng	#	91

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

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