Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006470.D
Acq On : 03 Aug 2021 03:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 03 05:28:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:26:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	248028	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1002487	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	572380	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1123442	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1078540	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	1112674	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1347400	84.718	ng		0.00
7) Phenol-d6	6.940	99	1895711	84.425	ng		0.00
23) Nitrobenzene-d5	8.916	82	1797977	84.558	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	500130	85.453	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	3124903	81.833	ng		0.00
79) Terphenyl-d14	19.716	244	4503252	84.073	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	293814	41.687	ng		91
3) Pyridine	3.699	79	859731	42.238	ng		93
4) n-Nitrosodimethylamine	3.617	42	329317	42.834	ng	#	86
6) Aniline	7.099	93	1024837	41.754	ng		93
8) 2-Chlorophenol	7.328	128	719064	41.796	ng		91
9) Benzaldehyde	6.911	77	568837	40.424	ng		91
10) Phenol	6.964	94	946342	41.827	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	711954	41.110	ng		89
12) 1,3-Dichlorobenzene	7.646	146	744713	41.016	ng		95
13) 1,4-Dichlorobenzene	7.793	146	756081	41.161	ng		97
14) 1,2-Dichlorobenzene	8.111	146	719638	40.771	ng		96
15) Benzyl Alcohol	8.005	79	711186	42.297	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	857397	41.952	ng		92
17) 2-Methylphenol	8.205	107	600884	42.449	ng		99
18) Hexachloroethane	8.828	117	299013	41.539	ng	#	87
19) n-Nitroso-di-n-propyla...	8.575	70	630754	42.367	ng		96
20) 3+4-Methylphenols	8.534	107	815738	42.254	ng		97
22) Acetophenone	8.581	105	1082766	40.964	ng	#	96
24) Nitrobenzene	8.958	77	930946	42.180	ng		92
25) Isophorone	9.487	82	1627860	42.879	ng		94
26) 2-Nitrophenol	9.663	139	349247	44.203	ng		93
27) 2,4-Dimethylphenol	9.728	122	578421	42.782	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	866301	41.731	ng		98
29) 2,4-Dichlorophenol	10.193	162	587701	42.998	ng		94
30) 1,2,4-Trichlorobenzene	10.410	180	609913	41.087	ng		98
31) Naphthalene	10.593	128	2205709	41.302	ng		100
32) Benzoic acid	9.875	122	430429	41.929	ng		90
33) 4-Chloroaniline	10.710	127	903745	42.331	ng		95
34) Hexachlorobutadiene	10.881	225	358732	41.340	ng		99
35) Caprolactam	11.510	113	213384	42.582	ng	#	71
36) 4-Chloro-3-methylphenol	11.834	107	749451	43.956	ng		91
37) 2-Methylnaphthalene	12.204	142	1498764	41.811	ng		100
38) 1-Methylnaphthalene	12.428	142	1418056	41.649	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	613999	41.158	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	354355	44.818	ng		95
43) 2,4,6-Trichlorophenol	12.816	196	432597	43.237	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	475722	42.952	ng	#	88
46) 1,1'-Biphenyl	13.228	154	1772976	40.976	ng		96
47) 2-Chloronaphthalene	13.263	162	1371774	41.168	ng		95
48) 2-Nitroaniline	13.475	65	504529	45.148	ng		87
49) Acenaphthylene	14.110	152	2235996	42.239	ng		99
50) Dimethylphthalate	13.863	163	1715764	41.697	ng		99
51) 2,6-Dinitrotoluene	13.975	165	385514	43.058	ng	#	77
52) Acenaphthene	14.451	154	1346253	41.242	ng		98
53) 3-Nitroaniline	14.304	138	441016	44.442	ng		85
54) 2,4-Dinitrophenol	14.504	184	206597	42.509	ng	#	82
55) Dibenzofuran	14.793	168	2093383	40.944	ng		95
56) 4-Nitrophenol	14.610	139	381263	42.303	ng		85
57) 2,4-Dinitrotoluene	14.763	165	537071	44.937	ng	#	83
58) Fluorene	15.440	166	1689759	41.601	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	394894	42.507	ng	#	72
60) Diethylphthalate	15.228	149	1821228	42.567	ng		98
61) 4-Chlorophenyl-phenyle...	15.440	204	764398	41.415	ng	#	89
62) 4-Nitroaniline	15.469	138	472531	42.075	ng		89
63) Azobenzene	15.734	77	2148815	43.493	ng		93
65) 4,6-Dinitro-2-methylph...	15.522	198	284005	42.252	ng		71
66) n-Nitrosodiphenylamine	15.657	169	1458675	41.934	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	446308	41.433	ng	#	85
68) Hexachlorobenzene	16.440	284	502999	41.440	ng	#	86
69) Atrazine	16.616	200	472909	44.191	ng		94
70) Pentachlorophenol	16.787	266	334791	44.369	ng		99
71) Phenanthrene	17.181	178	2584533	41.019	ng		100
72) Anthracene	17.275	178	2534838	41.989	ng		99
73) Carbazole	17.551	167	2584783	42.154	ng		98
74) Di-n-butylphthalate	18.116	149	3066625	44.290	ng		99
75) Fluoranthene	19.157	202	2907816	41.463	ng		94
77) Benzidine	19.345	184	1164360	43.861	ng		98
78) Pyrene	19.510	202	3011260	42.350	ng		99
80) Butylbenzylphthalate	20.398	149	1425779	42.629	ng	#	84
81) Benzo(a)anthracene	21.222	228	2903996	41.822	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	805626	43.775	ng	#	98
83) Chrysene	21.275	228	2791413	41.260	ng		98
84) Bis(2-ethylhexyl)phtha...	21.163	149	2147952	45.262	ng	#	95
85) Di-n-octyl phthalate	22.075	149	3548693	44.161	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.980	276	3283293	41.129	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	3011788	42.166	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	2826183	40.787	ng	#	96
90) Benzo(a)pyrene	23.469	252	2700223	42.226	ng	#	94
91) Dibenzo(a,h)anthracene	25.998	278	2847326	41.182	ng	#	92
92) Benzo(g,h,i)perylene	26.721	276	2740751	41.347	ng	#	89

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

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