Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006452.D
Acq On : 02 Aug 2021 15:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Aug 02 16:08:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 15:59:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	182076	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	754530	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	447025	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	925511	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	969829	20.000	ng	#	0.00
86) Perylene-d12	23.574	264	1000508	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	942001	83.046	ng		0.00
7) Phenol-d6	6.940	99	1348521	85.903	ng		0.00
23) Nitrobenzene-d5	8.916	82	1284703	90.096	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	381344	93.624	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2313162	77.830	ng		0.00
79) Terphenyl-d14	19.716	244	3690336	76.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	206119	42.775	ng		90
3) Pyridine	3.699	79	605144	43.916	ng		94
4) n-Nitrosodimethylamine	3.611	42	227617	48.295	ng	#	82
6) Aniline	7.099	93	738308	43.265	ng		94
8) 2-Chlorophenol	7.328	128	507873	41.005	ng		91
9) Benzaldehyde	6.910	77	387407	42.779	ng		90
10) Phenol	6.963	94	675694	43.273	ng		97
11) bis(2-Chloroethyl)ether	7.199	93	508345	42.391	ng		90
12) 1,3-Dichlorobenzene	7.652	146	526161	39.836	ng		97
13) 1,4-Dichlorobenzene	7.799	146	537010	40.035	ng		98
14) 1,2-Dichlorobenzene	8.110	146	509235	39.667	ng		96
15) Benzyl Alcohol	8.005	79	506208	44.833	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	596721	45.843	ng		92
17) 2-Methylphenol	8.204	107	430547	42.714	ng		99
18) Hexachloroethane	8.834	117	209411	42.932	ng		88
19) n-Nitroso-di-n-propyla...	8.575	70	453901	46.907	ng	#	96
20) 3+4-Methylphenols	8.534	107	583984	42.854	ng		97
22) Acetophenone	8.587	105	790979	42.397	ng	#	99
24) Nitrobenzene	8.963	77	670496	45.040	ng		92
25) Isophorone	9.487	82	1174231	44.855	ng		94
26) 2-Nitrophenol	9.663	139	245964	43.175	ng		91
27) 2,4-Dimethylphenol	9.728	122	421656	41.139	ng		97
28) bis(2-Chloroethoxy)met...	9.975	93	624264	41.808	ng		98
29) 2,4-Dichlorophenol	10.193	162	420294	40.010	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	433379	37.416	ng		98
31) Naphthalene	10.598	128	1584346	39.741	ng		99
32) Benzoic acid	9.857	122	310485	42.584	ng		87
33) 4-Chloroaniline	10.710	127	666219	41.786	ng		95
34) Hexachlorobutadiene	10.881	225	253008	37.234	ng		99
35) Caprolactam	11.504	113	163474	49.169	ng	#	76
36) 4-Chloro-3-methylphenol	11.840	107	542804	43.416	ng		91
37) 2-Methylnaphthalene	12.210	142	1091547	39.873	ng		99
38) 1-Methylnaphthalene	12.428	142	1032833	40.023	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	446562	37.055	ng	#	96
41) Hexachlorocyclopentadiene	12.557	237	243652	37.327	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	315984	39.713	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	349798	40.096	ng	#	88
46) 1,1'-Biphenyl	13.228	154	1311617	39.170	ng		97
47) 2-Chloronaphthalene	13.263	162	1011051	39.313	ng		95
48) 2-Nitroaniline	13.475	65	373121	50.383	ng		85
49) Acenaphthylene	14.110	152	1675719	41.137	ng		100
50) Dimethylphthalate	13.863	163	1306599	41.643	ng		99
51) 2,6-Dinitrotoluene	13.975	165	295109	43.454	ng	#	77
52) Acenaphthene	14.457	154	1010945	40.148	ng		97
53) 3-Nitroaniline	14.304	138	336763	46.179	ng		82
54) 2,4-Dinitrophenol	14.510	184	157067	45.889	ng	#	84
55) Dibenzofuran	14.792	168	1589974	40.322	ng		95
56) 4-Nitrophenol	14.610	139	302338	48.734	ng		87
57) 2,4-Dinitrotoluene	14.763	165	408463	46.012	ng	#	80
58) Fluorene	15.439	166	1287369	40.960	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	299590	41.355	ng	#	72
60) Diethylphthalate	15.228	149	1381148	42.920	ng		97
61) 4-Chlorophenyl-phenyle...	15.445	204	575388	39.073	ng		91
62) 4-Nitroaniline	15.469	138	369134	48.833	ng		89
63) Azobenzene	15.733	77	1624370	47.285	ng		91
65) 4,6-Dinitro-2-methylph...	15.522	198	220442	42.833	ng		72
66) n-Nitrosodiphenylamine	15.657	169	1126581	39.278	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	346673	42.411	ng	#	88
68) Hexachlorobenzene	16.439	284	384713	37.198	ng	#	85
69) Atrazine	16.622	200	369708	40.828	ng		96
70) Pentachlorophenol	16.786	266	257573	41.512	ng		98
71) Phenanthrene	17.186	178	2055333	40.253	ng		99
72) Anthracene	17.275	178	2014558	40.793	ng		99
73) Carbazole	17.551	167	2078842	42.074	ng		98
74) Di-n-butylphthalate	18.116	149	2401053	42.941	ng		99
75) Fluoranthene	19.157	202	2401405	42.022	ng		93
77) Benzidine	19.345	184	1078441	42.603	ng		98
78) Pyrene	19.510	202	2505626	39.277	ng		99
80) Butylbenzylphthalate	20.404	149	1147166	42.501	ng		87
81) Benzo(a)anthracene	21.227	228	2475214	39.750	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	683205	41.451	ng	#	97
83) Chrysene	21.280	228	2406531	39.956	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	1734065	42.637	ng	#	96
85) Di-n-octyl phthalate	22.074	149	2863463	42.331	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.986	276	2897598	40.519	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	2539193	39.480	ng	#	95
89) Benzo(k)fluoranthene	22.915	252	2505781	41.149	ng	#	96
90) Benzo(a)pyrene	23.474	252	2339456	40.604	ng	#	94
91) Dibenzo(a,h)anthracene	26.009	278	2502606	40.506	ng	#	93
92) Benzo(g,h,i)perylene	26.727	276	2413095	40.507	ng	#	89

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

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