Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006462.D
Acq On : 02 Aug 2021 21:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 03 05:30:07 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	7.763	152	189201	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	813878	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	495988	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1022041	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1037560	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	1071299	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	977098	80.537	ng		0.00
7) Phenol-d6	6.934	99	1438800	84.000	ng		0.00
23) Nitrobenzene-d5	8.916	82	1397481	80.953	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	419673	82.750	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2537331	76.680	ng		0.00
79) Terphenyl-d14	19.716	244	3995692	77.544	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	211423	39.324	ng		91
3) Pyridine	3.693	79	633673	40.812	ng		93
4) n-Nitrosodimethylamine	3.611	42	241238	41.133	ng	#	86
6) Aniline	7.099	93	786171	41.989	ng		95
8) 2-Chlorophenol	7.322	128	541378	41.252	ng		90
9) Benzaldehyde	6.910	77	416406	38.793	ng		91
10) Phenol	6.963	94	717229	41.557	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	543922	41.173	ng		89
12) 1,3-Dichlorobenzene	7.646	146	553135	39.936	ng		97
13) 1,4-Dichlorobenzene	7.793	146	559430	39.925	ng		96
14) 1,2-Dichlorobenzene	8.110	146	540399	40.136	ng		97
15) Benzyl Alcohol	8.004	79	549510	42.843	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.293	45	644815	41.360	ng		93
17) 2-Methylphenol	8.204	107	462402	42.823	ng		98
18) Hexachloroethane	8.828	117	220966	40.241	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	497148	43.775	ng	#	95
20) 3+4-Methylphenols	8.534	107	635855	43.177	ng		98
22) Acetophenone	8.581	105	856682	39.922	ng	#	97
24) Nitrobenzene	8.957	77	728307	40.645	ng		90
25) Isophorone	9.487	82	1296887	42.077	ng		94
26) 2-Nitrophenol	9.663	139	270429	42.159	ng		91
27) 2,4-Dimethylphenol	9.728	122	457493	41.679	ng		96
28) bis(2-Chloroethoxy)met...	9.969	93	677669	40.209	ng		98
29) 2,4-Dichlorophenol	10.193	162	459578	41.417	ng		94
30) 1,2,4-Trichlorobenzene	10.410	180	474243	39.351	ng		95
31) Naphthalene	10.593	128	1727972	39.855	ng		99
32) Benzoic acid	9.863	122	349624	41.951	ng		94
33) 4-Chloroaniline	10.710	127	721132	41.605	ng		95
34) Hexachlorobutadiene	10.881	225	273655	38.844	ng		98
35) Caprolactam	11.504	113	179986	44.240	ng	#	71
36) 4-Chloro-3-methylphenol	11.834	107	605002	43.707	ng		91
37) 2-Methylnaphthalene	12.210	142	1203924	41.369	ng		99
38) 1-Methylnaphthalene	12.428	142	1140527	41.261	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	491233	38.000	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	267749	39.080	ng		97
43) 2,4,6-Trichlorophenol	12.822	196	351494	40.542	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	388800	40.510	ng	#	88
46) 1,1'-Biphenyl	13.228	154	1441555	38.448	ng		96
47) 2-Chloronaphthalene	13.263	162	1109622	38.429	ng		95
48) 2-Nitroaniline	13.475	65	417463	43.111	ng		87
49) Acenaphthylene	14.110	152	1843412	40.186	ng		99
50) Dimethylphthalate	13.863	163	1432876	40.185	ng		99
51) 2,6-Dinitrotoluene	13.975	165	325471	41.951	ng	#	78
52) Acenaphthene	14.451	154	1109756	39.234	ng		97
53) 3-Nitroaniline	14.304	138	374480	43.550	ng		87
54) 2,4-Dinitrophenol	14.504	184	168933	40.113	ng	#	78
55) Dibenzofuran	14.792	168	1751012	39.522	ng		95
56) 4-Nitrophenol	14.610	139	333073	42.648	ng		85
57) 2,4-Dinitrotoluene	14.763	165	451363	43.582	ng	#	83
58) Fluorene	15.439	166	1411082	40.091	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	330528	41.058	ng	#	70
60) Diethylphthalate	15.228	149	1522362	41.062	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	632248	39.532	ng	#	88
62) 4-Nitroaniline	15.469	138	406448	41.771	ng		92
63) Azobenzene	15.733	77	1799479	42.032	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	240894	39.394	ng		74
66) n-Nitrosodiphenylamine	15.657	169	1238715	39.144	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	373247	38.088	ng	#	89
68) Hexachlorobenzene	16.439	284	431415	39.068	ng	#	88
69) Atrazine	16.622	200	403216	41.417	ng		95
70) Pentachlorophenol	16.786	266	287653	41.905	ng		99
71) Phenanthrene	17.186	178	2243459	39.138	ng		99
72) Anthracene	17.275	178	2194682	39.961	ng		99
73) Carbazole	17.551	167	2267830	40.655	ng		98
74) Di-n-butylphthalate	18.116	149	2613794	41.495	ng		99
75) Fluoranthene	19.157	202	2594910	40.672	ng		94
77) Benzidine	19.345	184	1098035	42.996	ng		99
78) Pyrene	19.510	202	2706985	39.574	ng		99
80) Butylbenzylphthalate	20.404	149	1245253	38.933	ng		89
81) Benzo(a)anthracene	21.227	228	2667777	39.938	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	721745	40.766	ng	#	97
83) Chrysene	21.274	228	2577246	39.599	ng		98
84) Bis(2-ethylhexyl)phtha...	21.168	149	1837314	40.245	ng	#	96
85) Di-n-octyl phthalate	22.074	149	3070250	39.716	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.980	276	3104044	40.385	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	2759236	40.122	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	2657097	39.828	ng	#	96
90) Benzo(a)pyrene	23.468	252	2522867	40.977	ng	#	95
91) Dibenzo(a,h)anthracene	26.004	278	2681248	40.278	ng	#	92
92) Benzo(g,h,i)perylene	26.721	276	2582901	40.470	ng	#	90

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

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