Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006486.D
Acq On : 03 Aug 2021 19:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 04 01:18:11 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 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	187864	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	823408	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	498293	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1002905	20.000	ng	#	0.00
76) Chrysene-d12	21.233	240	988305	20.000	ng	#	0.00
86) Perylene-d12	23.563	264	1012727	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	981228	80.223	ng		0.00
7) Phenol-d6	6.934	99	1456924	83.854	ng		0.00
23) Nitrobenzene-d5	8.916	82	1441432	80.802	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	431620	82.881	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2580905	77.492	ng		0.00
79) Terphenyl-d14	19.710	244	3944556	79.976	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	204726	38.446	ng		89
3) Pyridine	3.693	79	631038	40.320	ng		93
4) n-Nitrosodimethylamine	3.611	42	248942	42.142	ng	#	87
6) Aniline	7.093	93	799647	42.370	ng		95
8) 2-Chlorophenol	7.322	128	545019	41.183	ng		90
9) Benzaldehyde	6.910	77	425553	40.694	ng		91
10) Phenol	6.963	94	725812	41.661	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	545874	41.264	ng		90
12) 1,3-Dichlorobenzene	7.646	146	552346	40.046	ng		95
13) 1,4-Dichlorobenzene	7.793	146	560183	40.018	ng		97
14) 1,2-Dichlorobenzene	8.105	146	543565	40.467	ng		97
15) Benzyl Alcohol	8.005	79	566910	43.509	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	655008	41.609	ng		92
17) 2-Methylphenol	8.205	107	471502	42.860	ng		99
18) Hexachloroethane	8.828	117	223843	40.400	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	514027	44.097	ng	#	96
20) 3+4-Methylphenols	8.528	107	651163	43.487	ng		95
22) Acetophenone	8.581	105	872306	39.948	ng	#	98
24) Nitrobenzene	8.957	77	746684	40.266	ng		89
25) Isophorone	9.481	82	1339135	41.794	ng		94
26) 2-Nitrophenol	9.663	139	275619	40.841	ng		93
27) 2,4-Dimethylphenol	9.728	122	464718	41.122	ng		95
28) bis(2-Chloroethoxy)met...	9.969	93	689899	40.242	ng		98
29) 2,4-Dichlorophenol	10.193	162	468036	40.907	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	477149	38.810	ng		96
31) Naphthalene	10.593	128	1761055	39.802	ng		99
32) Benzoic acid	9.863	122	360617	41.249	ng		90
33) 4-Chloroaniline	10.704	127	740780	41.373	ng	#	94
34) Hexachlorobutadiene	10.875	225	276466	38.589	ng		99
35) Caprolactam	11.498	113	184299	44.672	ng	#	66
36) 4-Chloro-3-methylphenol	11.834	107	617658	42.490	ng		90
37) 2-Methylnaphthalene	12.204	142	1227400	40.938	ng		100
38) 1-Methylnaphthalene	12.422	142	1160568	40.733	ng		97
40) 1,2,4,5-Tetrachloroben...	12.569	216	500408	38.370	ng	#	96
41) Hexachlorocyclopentadiene	12.551	237	273985	39.610	ng		97
43) 2,4,6-Trichlorophenol	12.816	196	363954	40.870	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	399893	40.569	ng	#	90
46) 1,1'-Biphenyl	13.222	154	1472345	39.038	ng		96
47) 2-Chloronaphthalene	13.257	162	1133715	39.034	ng		93
48) 2-Nitroaniline	13.469	65	433281	42.271	ng	#	85
49) Acenaphthylene	14.110	152	1881185	40.168	ng		99
50) Dimethylphthalate	13.857	163	1462585	40.323	ng		99
51) 2,6-Dinitrotoluene	13.975	165	334706	41.354	ng	#	80
52) Acenaphthene	14.451	154	1141331	40.043	ng		98
53) 3-Nitroaniline	14.298	138	378114	42.140	ng		83
54) 2,4-Dinitrophenol	14.504	184	172350	40.720	ng	#	79
55) Dibenzofuran	14.787	168	1778388	39.667	ng		95
56) 4-Nitrophenol	14.604	139	333445	42.798	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	463286	42.682	ng	#	78
58) Fluorene	15.439	166	1442591	40.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	339564	41.106	ng	#	70
60) Diethylphthalate	15.228	149	1552716	40.757	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	644711	39.728	ng		91
62) 4-Nitroaniline	15.469	138	407881	42.839	ng		91
63) Azobenzene	15.734	77	1847087	41.585	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	244749	39.940	ng		75
66) n-Nitrosodiphenylamine	15.657	169	1257231	39.883	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	380585	39.550	ng	#	87
68) Hexachlorobenzene	16.439	284	435989	39.814	ng	#	88
69) Atrazine	16.616	200	407426	41.419	ng		96
70) Pentachlorophenol	16.786	266	289215	41.626	ng		99
71) Phenanthrene	17.181	178	2258908	39.931	ng		99
72) Anthracene	17.275	178	2214400	40.510	ng		100
73) Carbazole	17.545	167	2263652	40.599	ng		99
74) Di-n-butylphthalate	18.116	149	2633530	41.458	ng		100
75) Fluoranthene	19.151	202	2570474	40.484	ng		94
77) Benzidine	19.345	184	1034308	41.823	ng		100
78) Pyrene	19.510	202	2657979	40.264	ng		99
80) Butylbenzylphthalate	20.398	149	1226480	42.251	ng	#	86
81) Benzo(a)anthracene	21.221	228	2560813	39.648	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	694805	40.976	ng	#	98
83) Chrysene	21.274	228	2490650	39.776	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	1777735	40.753	ng	#	96
85) Di-n-octyl phthalate	22.068	149	2970041	41.308	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.974	276	2936566	39.989	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	2629743	39.954	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	2539345	40.183	ng	#	96
90) Benzo(a)pyrene	23.463	252	2395412	40.575	ng	#	95
91) Dibenzo(a,h)anthracene	25.998	278	2527380	39.807	ng	#	93
92) Benzo(g,h,i)perylene	26.709	276	2438902	40.086	ng	#	89

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

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