Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006540.D
Acq On : 06 Aug 2021 15:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 17:29:31 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	7.752	152	189276	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	743593	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	409039	20.000	ng		0.00
64) Phenanthrene-d10	17.140	188	795326	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	759576	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	799335	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1004141	81.484	ng		0.00
7) Phenol-d6	6.934	99	1384901	79.114	ng		0.00
23) Nitrobenzene-d5	8.911	82	1314062	81.569	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	358062	83.759	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2256131	82.522	ng		0.00
79) Terphenyl-d14	19.716	244	3148407	83.056	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	209480	39.046	ng		91
3) Pyridine	3.699	79	600414	38.077	ng		94
4) n-Nitrosodimethylamine	3.611	42	221749	37.259	ng	#	80
6) Aniline	7.093	93	751512	39.522	ng		95
8) 2-Chlorophenol	7.322	128	535382	40.153	ng		93
9) Benzaldehyde	6.905	77	409734	38.889	ng		90
10) Phenol	6.964	94	689200	39.264	ng		97
11) bis(2-Chloroethyl)ether	7.193	93	527469	39.575	ng		90
12) 1,3-Dichlorobenzene	7.640	146	555419	39.968	ng		97
13) 1,4-Dichlorobenzene	7.787	146	569412	40.374	ng		97
14) 1,2-Dichlorobenzene	8.099	146	537246	39.698	ng		96
15) Benzyl Alcohol	7.999	79	520725	39.667	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.287	45	635491	40.068	ng		92
17) 2-Methylphenol	8.199	107	440923	39.781	ng		99
18) Hexachloroethane	8.822	117	227485	40.751	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	461378	39.285	ng		96
20) 3+4-Methylphenols	8.528	107	602010	39.904	ng		98
22) Acetophenone	8.575	105	805318	40.838	ng	#	97
24) Nitrobenzene	8.952	77	680511	40.636	ng		90
25) Isophorone	9.481	82	1203765	41.602	ng		94
26) 2-Nitrophenol	9.658	139	269755	44.262	ng		91
27) 2,4-Dimethylphenol	9.728	122	417847	40.943	ng		97
28) bis(2-Chloroethoxy)met...	9.963	93	626185	40.446	ng		97
29) 2,4-Dichlorophenol	10.187	162	430046	41.621	ng		94
30) 1,2,4-Trichlorobenzene	10.399	180	449901	40.522	ng		96
31) Naphthalene	10.587	128	1603814	40.139	ng		99
32) Benzoic acid	9.863	122	337372	42.732	ng		95
33) 4-Chloroaniline	10.705	127	645993	39.952	ng		95
34) Hexachlorobutadiene	10.869	225	264845	40.935	ng		100
35) Caprolactam	11.505	113	155382	41.706	ng	#	68
36) 4-Chloro-3-methylphenol	11.834	107	532767	40.584	ng		90
37) 2-Methylnaphthalene	12.199	142	1078930	39.849	ng		99
38) 1-Methylnaphthalene	12.422	142	1007596	39.160	ng		97
40) 1,2,4,5-Tetrachloroben...	12.569	216	438400	40.950	ng	#	96
41) Hexachlorocyclopentadiene	12.546	237	238267	41.963	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	317357	43.414	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	342577	42.338	ng	#	88
46) 1,1'-Biphenyl	13.222	154	1262546	40.779	ng		96
47) 2-Chloronaphthalene	13.257	162	974116	40.857	ng		95
48) 2-Nitroaniline	13.469	65	357846	42.530	ng	#	85
49) Acenaphthylene	14.104	152	1578957	41.071	ng		100
50) Dimethylphthalate	13.857	163	1198016	40.236	ng		99
51) 2,6-Dinitrotoluene	13.969	165	273696	41.195	ng	#	80
52) Acenaphthene	14.451	154	949798	40.595	ng		97
53) 3-Nitroaniline	14.299	138	305602	41.491	ng		83
54) 2,4-Dinitrophenol	14.504	184	136485	39.283	ng	#	80
55) Dibenzofuran	14.787	168	1472362	40.007	ng		95
56) 4-Nitrophenol	14.610	139	260691	40.761	ng		84
57) 2,4-Dinitrotoluene	14.757	165	374203	41.997	ng	#	81
58) Fluorene	15.434	166	1193421	40.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	283305	41.779	ng	#	71
60) Diethylphthalate	15.222	149	1278343	40.877	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	536369	40.264	ng		91
62) 4-Nitroaniline	15.463	138	322992	41.325	ng		90
63) Azobenzene	15.728	77	1512604	41.486	ng		91
65) 4,6-Dinitro-2-methylph...	15.522	198	197312	40.602	ng		73
66) n-Nitrosodiphenylamine	15.651	169	1019143	40.768	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	315143	41.297	ng	#	88
68) Hexachlorobenzene	16.440	284	354784	40.854	ng	#	90
69) Atrazine	16.616	200	328343	42.092	ng		95
70) Pentachlorophenol	16.787	266	238188	43.230	ng		99
71) Phenanthrene	17.181	178	1801840	40.165	ng		100
72) Anthracene	17.269	178	1768880	40.806	ng		100
73) Carbazole	17.551	167	1807410	40.877	ng		98
74) Di-n-butylphthalate	18.116	149	2254515	44.755	ng		100
75) Fluoranthene	19.157	202	2039381	40.502	ng		94
77) Benzidine	19.345	184	693698	36.497	ng		99
78) Pyrene	19.510	202	2104195	41.474	ng		99
80) Butylbenzylphthalate	20.398	149	1061273	47.569	ng		86
81) Benzo(a)anthracene	21.222	228	2006905	40.428	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	569287	43.683	ng	#	96
83) Chrysene	21.275	228	1939437	40.300	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	1568470	46.783	ng	#	95
85) Di-n-octyl phthalate	22.069	149	2683584	48.563	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.980	276	2355153	40.634	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	2121364	40.834	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	1944758	38.990	ng	#	95
90) Benzo(a)pyrene	23.469	252	1917158	41.144	ng	#	95
91) Dibenzo(a,h)anthracene	25.998	278	2017958	40.268	ng	#	93
92) Benzo(g,h,i)perylene	26.715	276	1969777	41.018	ng	#	89

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

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