Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
Data File : BP006530.D
Acq On : 06 Aug 2021 08:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 12:14:04 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	7.746	152	234144	20.000	ng		-0.01
21) Naphthalene-d8	10.534	136	967837	20.000	ng		#-0.01
39) Acenaphthene-d10	14.387	164	546303	20.000	ng		0.00
64) Phenanthrene-d10	17.140	188	1030847	20.000	ng		# 0.00
76) Chrysene-d12	21.239	240	981300	20.000	ng		# 0.00
86) Perylene-d12	23.569	264	991127	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1267507	83.146	ng		-0.01
7) Phenol-d6	6.928	99	1785233	82.440	ng		0.00
23) Nitrobenzene-d5	8.911	82	1743709	83.160	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	464074	81.281	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2958678	81.028	ng		0.00
79) Terphenyl-d14	19.716	244	4033295	82.359	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	272283	41.026	ng		91
3) Pyridine	3.693	79	801323	41.080	ng		93
4) n-Nitrosodimethylamine	3.611	42	305322	41.470	ng	#	84
6) Aniline	7.087	93	975519	41.472	ng		94
8) 2-Chlorophenol	7.317	128	680095	41.232	ng		90
9) Benzaldehyde	6.899	77	533531	40.935	ng		89
10) Phenol	6.958	94	888694	40.927	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	681879	41.357	ng		89
12) 1,3-Dichlorobenzene	7.634	146	693481	40.341	ng	#	95
13) 1,4-Dichlorobenzene	7.781	146	708807	40.627	ng		97
14) 1,2-Dichlorobenzene	8.099	146	679036	40.561	ng		95
15) Benzyl Alcohol	7.993	79	679836	41.863	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.287	45	826098	42.105	ng		92
17) 2-Methylphenol	8.193	107	573214	41.806	ng		99
18) Hexachloroethane	8.816	117	287330	41.608	ng	#	87
19) n-Nitroso-di-n-propyla...	8.564	70	609004	41.918	ng	#	96
20) 3+4-Methylphenols	8.522	107	780170	41.804	ng		97
22) Acetophenone	8.569	105	1044323	40.688	ng	#	96
24) Nitrobenzene	8.952	77	894330	41.031	ng		90
25) Isophorone	9.475	82	1574694	41.812	ng		94
26) 2-Nitrophenol	9.652	139	346649	43.701	ng	#	90
27) 2,4-Dimethylphenol	9.722	122	548290	41.277	ng		97
28) bis(2-Chloroethoxy)met...	9.963	93	820906	40.738	ng		98
29) 2,4-Dichlorophenol	10.187	162	560629	41.688	ng		93
30) 1,2,4-Trichlorobenzene	10.399	180	580941	40.201	ng		96
31) Naphthalene	10.581	128	2076083	39.920	ng		99
32) Benzoic acid	9.869	122	433700	42.205	ng		90
33) 4-Chloroaniline	10.699	127	845921	40.195	ng	#	95
34) Hexachlorobutadiene	10.869	225	342658	40.691	ng		98
35) Caprolactam	11.505	113	200680	41.384	ng	#	68
36) 4-Chloro-3-methylphenol	11.834	107	697719	40.835	ng		92
37) 2-Methylnaphthalene	12.199	142	1409853	40.006	ng		99
38) 1-Methylnaphthalene	12.416	142	1340165	40.017	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	573500	40.110	ng	#	95
41) Hexachlorocyclopentadiene	12.546	237	299285	39.466	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	414451	42.451	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	446892	41.352	ng	#	87
46) 1,1'-Biphenyl	13.222	154	1670591	40.401	ng		96
47) 2-Chloronaphthalene	13.257	162	1284543	40.340	ng		94
48) 2-Nitroaniline	13.469	65	473763	42.159	ng		86
49) Acenaphthylene	14.104	152	2087192	40.650	ng		100
50) Dimethylphthalate	13.857	163	1568184	39.435	ng		99
51) 2,6-Dinitrotoluene	13.969	165	357502	40.288	ng	#	73
52) Acenaphthene	14.451	154	1255023	40.162	ng		98
53) 3-Nitroaniline	14.299	138	399380	40.599	ng		82
54) 2,4-Dinitrophenol	14.504	184	172943	37.269	ng	#	80
55) Dibenzofuran	14.787	168	1960006	39.876	ng		95
56) 4-Nitrophenol	14.610	139	338968	39.683	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	487373	40.955	ng	#	77
58) Fluorene	15.440	166	1562414	39.769	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	367193	40.545	ng	#	69
60) Diethylphthalate	15.228	149	1680798	40.242	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	709020	39.851	ng		92
62) 4-Nitroaniline	15.469	138	419505	40.188	ng		92
63) Azobenzene	15.734	77	2021064	41.503	ng		93
65) 4,6-Dinitro-2-methylph...	15.522	198	253462	40.240	ng		72
66) n-Nitrosodiphenylamine	15.657	169	1340460	41.371	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	413522	41.808	ng	#	86
68) Hexachlorobenzene	16.440	284	460281	40.893	ng	#	89
69) Atrazine	16.616	200	422557	41.793	ng		95
70) Pentachlorophenol	16.787	266	306628	42.936	ng		99
71) Phenanthrene	17.181	178	2347965	40.381	ng		99
72) Anthracene	17.275	178	2309640	41.108	ng		100
73) Carbazole	17.551	167	2314160	40.380	ng		97
74) Di-n-butylphthalate	18.116	149	2789362	42.721	ng		99
75) Fluoranthene	19.157	202	2601315	39.859	ng		93
77) Benzidine	19.345	184	1101816	44.871	ng		99
78) Pyrene	19.510	202	2692011	41.071	ng		99
80) Butylbenzylphthalate	20.398	149	1313371	45.568	ng	#	85
81) Benzo(a)anthracene	21.222	228	2547223	39.719	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	700929	41.632	ng	#	97
83) Chrysene	21.275	228	2470850	39.742	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	1926060	44.469	ng	#	96
85) Di-n-octyl phthalate	22.069	149	3253064	45.568	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.974	276	2903822	40.405	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	2634668	40.901	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	2475695	40.030	ng	#	96
90) Benzo(a)pyrene	23.469	252	2377113	41.143	ng	#	95
91) Dibenzo(a,h)anthracene	25.998	278	2495429	40.160	ng	#	93
92) Benzo(g,h,i)perylene	26.715	276	2393105	40.190	ng	#	89

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

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