Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005634.D
Acq On : 28 May 2021 11:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: May 28 12:39:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	172471	20.00	ng		0.00
21) Naphthalene-d8	10.793	136	647123	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	395495	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	816072	20.00	ng		# 0.00
76) Chrysene-d12	21.422	240	913570	20.00	ng		# 0.00
86) Perylene-d12	23.863	264	1001678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	863038	77.80	ng		0.00
7) Phenol-d6	7.140	99	1182333	78.18	ng		0.00
23) Nitrobenzene-d5	9.152	82	993973	85.42	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	414103	81.65	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	2395436	80.16	ng		0.00
79) Terphenyl-d14	19.898	244	3817627	78.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	192898	37.99	ng	#	87
3) Pyridine	3.828	79	514558	40.94	ng	#	90
4) n-Nitrosodimethylamine	3.734	42	222904	39.82	ng	#	26
6) Aniline	7.311	93	676974	38.29	ng		93
8) 2-Chlorophenol	7.546	128	486299	39.15	ng		91
9) Benzaldehyde	7.122	77	259702	39.66	ng		88
10) Phenol	7.169	94	597737	38.71	ng		100
11) bis(2-Chloroethyl)ether	7.411	93	464394	38.95	ng		98
12) 1,3-Dichlorobenzene	7.875	146	542036	38.44	ng		97
13) 1,4-Dichlorobenzene	8.022	146	546138	38.22	ng		97
14) 1,2-Dichlorobenzene	8.340	146	529116	38.72	ng		100
15) Benzyl Alcohol	8.228	79	420695	38.78	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.522	45	533371	39.08	ng		83
17) 2-Methylphenol	8.422	107	391006	38.90	ng		95
18) Hexachloroethane	9.075	117	195081	38.47	ng		91
19) n-Nitroso-di-n-propyla...	8.799	70	372226	38.69	ng		97
20) 3+4-Methylphenols	8.752	107	515902	38.53	ng		94
22) Acetophenone	8.810	105	683888	39.62	ng	#	97
24) Nitrobenzene	9.193	77	541880	41.92	ng		93
25) Isophorone	9.722	82	990095	38.33	ng	#	97
26) 2-Nitrophenol	9.905	139	192249	39.69	ng	#	80
27) 2,4-Dimethylphenol	9.963	122	396683	40.01	ng		97
28) bis(2-Chloroethoxy)met...	10.205	93	551309	39.65	ng		98
29) 2,4-Dichlorophenol	10.434	162	434837	40.77	ng		97
30) 1,2,4-Trichlorobenzene	10.657	180	500789	39.65	ng		99
31) Naphthalene	10.846	128	1512095	39.24	ng		98
32) Benzoic acid	10.081	122	202999	38.28	ng		96
33) 4-Chloroaniline	10.952	127	621058	38.70	ng	#	90
34) Hexachlorobutadiene	11.134	225	313749	39.77	ng		99
35) Caprolactam	11.728	113	119661	40.97	ng	#	61
36) 4-Chloro-3-methylphenol	12.063	107	446570	39.78	ng		96
37) 2-Methylnaphthalene	12.446	142	1139010	41.71	ng	#	86
38) 1-Methylnaphthalene	12.663	142	1073848	41.45	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.810	216	589980	44.72	ng		98
41) Hexachlorocyclopentadiene	12.798	237	340431	46.35	ng		98
43) 2,4,6-Trichlorophenol	13.046	196	365950	45.73	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	403666	46.65	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1253919	39.05	ng		98
47) 2-Chloronaphthalene	13.493	162	1031223	39.51	ng		98
48) 2-Nitroaniline	13.687	65	244096	40.20	ng	#	82
49) Acenaphthylene	14.334	152	1587140	39.01	ng		99
50) Dimethylphthalate	14.069	163	1223328	38.89	ng		98
51) 2,6-Dinitrotoluene	14.181	165	256141	38.04	ng	#	72
52) Acenaphthene	14.675	154	1042085	39.40	ng		96
53) 3-Nitroaniline	14.510	138	263317	39.05	ng		85
54) 2,4-Dinitrophenol	14.710	184	109513	41.46	ng		96
55) Dibenzofuran	15.004	168	1581453	39.01	ng		98
56) 4-Nitrophenol	14.804	139	218159	39.18	ng	#	58
57) 2,4-Dinitrotoluene	14.963	165	328721	39.11	ng	#	71
58) Fluorene	15.651	166	1268299	39.13	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	312480	41.74	ng	#	86
60) Diethylphthalate	15.428	149	1211313	38.38	ng		97
61) 4-Chlorophenyl-phenyle...	15.645	204	638648	39.41	ng		100
62) 4-Nitroaniline	15.669	138	279613	39.51	ng	#	47
63) Azobenzene	15.940	77	1288929	39.00	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	164837	42.15	ng		82
66) n-Nitrosodiphenylamine	15.857	169	1103642	39.69	ng	#	91
67) 4-Bromophenyl-phenylether	16.539	248	364717	37.10	ng		95
68) Hexachlorobenzene	16.657	284	464230	39.66	ng	#	91
69) Atrazine	16.810	200	332480	41.84	ng		97
70) Pentachlorophenol	16.998	266	254482	43.35	ng		95
71) Phenanthrene	17.392	178	1988522	39.11	ng		100
72) Anthracene	17.486	178	1962165	39.09	ng		99
73) Carbazole	17.751	167	1902749	38.51	ng		99
74) Di-n-butylphthalate	18.304	149	2071713	39.16	ng	#	91
75) Fluoranthene	19.351	202	2411789	39.52	ng		96
77) Benzidine	19.528	184	819618	47.24	ng		99
78) Pyrene	19.704	202	2522519	39.13	ng		100
80) Butylbenzylphthalate	20.569	149	897753	35.60	ng	#	95
81) Benzo(a)anthracene	21.404	228	2576540	38.43	ng		98
82) 3,3'-Dichlorobenzidine	21.333	252	863641	39.88	ng	#	98
83) Chrysene	21.457	228	2510165	38.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1411827	38.77	ng	#	95
85) Di-n-octyl phthalate	22.269	149	2356990	38.51	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.433	276	3402332	39.92	ng	#	90
88) Benzo(b)fluoranthene	23.116	252	2805843	38.61	ng	#	96
89) Benzo(k)fluoranthene	23.169	252	2748100	39.90	ng	#	97
90) Benzo(a)pyrene	23.757	252	2607608	39.44	ng	#	97
91) Dibenzo(a,h)anthracene	26.451	278	2978489	40.27	ng	#	95
92) Benzo(g,h,i)perylene	27.221	276	2808775	39.37	ng	#	92

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

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