Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005310.D
Acq On : 16 Apr 2021 10:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 11:03:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:02:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	23447	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	57950	20.00	ng		0.00
39) Acenaphthene-d10	14.328	164	46433	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	121400	20.00	ng		0.00
76) Chrysene-d12	21.198	240	173679	20.00	ng		# 0.00
86) Perylene-d12	23.463	264	161171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	162185	84.34	ng		0.00
7) Phenol-d6	6.852	99	192887	86.73	ng		0.00
23) Nitrobenzene-d5	8.828	82	165566	88.24	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	64962	105.25	ng		0.00
45) 2-Fluorobiphenyl	12.940	172	283160	81.00	ng		0.00
79) Terphenyl-d14	19.669	244	731452	83.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	48144	49.23	ng		95
3) Pyridine	3.599	79	119119	51.17	ng		97
4) n-Nitrosodimethylamine	3.511	42	35069	52.28	ng		92
6) Aniline	6.999	93	91041	43.14	ng		99
8) 2-Chlorophenol	7.234	128	67556	44.51	ng		95
9) Benzaldehyde	6.816	77	46429	39.61	ng		92
10) Phenol	6.875	94	99406	44.47	ng		97
11) bis(2-Chloroethyl)ether	7.099	93	70599	43.43	ng		99
12) 1,3-Dichlorobenzene	7.552	146	77645	42.56	ng		98
13) 1,4-Dichlorobenzene	7.699	146	75641	42.25	ng		99
14) 1,2-Dichlorobenzene	8.010	146	71868	41.84	ng		98
15) Benzyl Alcohol	7.916	79	43268	38.28	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.193	45	36081	36.48	ng		93
17) 2-Methylphenol	8.116	107	44811	40.49	ng		99
18) Hexachloroethane	8.728	117	29434	39.24	ng		96
19) n-Nitroso-di-n-propyla...	8.475	70	47496	41.03	ng		97
20) 3+4-Methylphenols	8.452	107	55379	39.13	ng		97
22) Acetophenone	8.487	105	102821	45.31	ng		98
24) Nitrobenzene	8.869	77	83951	43.92	ng		100
25) Isophorone	9.393	82	100430	38.84	ng		99
26) 2-Nitrophenol	9.575	139	21698	46.14	ng		96
27) 2,4-Dimethylphenol	9.646	122	33820	42.82	ng		99
28) bis(2-Chloroethoxy)met...	9.875	93	51689	41.98	ng		98
29) 2,4-Dichlorophenol	10.110	162	40395	45.14	ng		97
30) 1,2,4-Trichlorobenzene	10.316	180	53697	45.80	ng		99
31) Naphthalene	10.504	128	142671	42.45	ng		99
32) Benzoic acid	9.804	122	20643	44.13	ng	#	84
33) 4-Chloroaniline	10.628	127	49388	44.63	ng		97
34) Hexachlorobutadiene	10.781	225	44380	47.16	ng		96
35) Caprolactam	11.428	113	10363	40.54	ng	#	75
36) 4-Chloro-3-methylphenol	11.769	107	46534	44.87	ng		97
37) 2-Methylnaphthalene	12.128	142	93030	45.06	ng		92
38) 1-Methylnaphthalene	12.345	142	91539	45.85	ng		96
40) 1,2,4,5-Tetrachloroben...	12.498	216	66622	40.72	ng		99
41) Hexachlorocyclopentadiene	12.469	237	20378	38.00	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	35304	39.70	ng		98

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44) 2,4,5-Trichlorophenol	12.834	196	40363	40.38	ng		98
46) 1,1'-Biphenyl	13.151	154	133351	39.49	ng		98
47) 2-Chloronaphthalene	13.192	162	111062	40.08	ng		99
48) 2-Nitroaniline	13.410	65	31430	35.51	ng		92
49) Acenaphthylene	14.045	152	176475	43.03	ng		98
50) Dimethylphthalate	13.792	163	130202	42.74	ng		97
51) 2,6-Dinitrotoluene	13.916	165	32990	43.04	ng		97
52) Acenaphthene	14.392	154	115073	43.28	ng		99
53) 3-Nitroaniline	14.251	138	26972	39.06	ng		94
54) 2,4-Dinitrophenol	14.469	184	16783	45.54	ng		95
55) Dibenzofuran	14.728	168	209909	44.80	ng		99
56) 4-Nitrophenol	14.581	139	21841	39.90	ng		98
57) 2,4-Dinitrotoluene	14.716	165	50335	42.06	ng		96
58) Fluorene	15.386	166	172933	46.42	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.963	232	44472	48.36	ng	#	90
60) Diethylphthalate	15.163	149	143636	41.75	ng		99
61) 4-Chlorophenyl-phenyle...	15.381	204	95860	49.03	ng		98
62) 4-Nitroaniline	15.422	138	30478	42.90	ng		94
63) Azobenzene	15.675	77	222913	44.34	ng		98
65) 4,6-Dinitro-2-methylph...	15.481	198	30116	42.11	ng		94
66) n-Nitrosodiphenylamine	15.598	169	147616	41.19	ng		99
67) 4-Bromophenyl-phenylether	16.281	248	60872	40.63	ng		98
68) Hexachlorobenzene	16.392	284	72508	43.14	ng		97
69) Atrazine	16.563	200	49887	45.27	ng		95
70) Pentachlorophenol	16.745	266	35505	44.62	ng		92
71) Phenanthrene	17.133	178	300614	41.41	ng		99
72) Anthracene	17.228	178	294002	43.71	ng		99
73) Carbazole	17.504	167	275589	44.07	ng		98
74) Di-n-butylphthalate	18.063	149	237770	43.52	ng		99
75) Fluoranthene	19.116	202	372896	43.71	ng		98
77) Benzidine	19.310	184	92575	43.10	ng		98
78) Pyrene	19.474	202	403982	40.76	ng		100
80) Butylbenzylphthalate	20.351	149	88468	37.49	ng		93
81) Benzo(a)anthracene	21.180	228	443698	40.04	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	111814	40.81	ng		99
83) Chrysene	21.233	228	432422	39.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	143523	36.20	ng		98
85) Di-n-octyl phthalate	21.986	149	269983	36.74	ng		98
87) Indeno(1,2,3-cd)pyrene	25.798	276	499246	41.45	ng		99
88) Benzo(b)fluoranthene	22.780	252	447883	41.46	ng		99
89) Benzo(k)fluoranthene	22.821	252	448957	42.38	ng		99
90) Benzo(a)pyrene	23.368	252	407373	41.14	ng		98
91) Dibenzo(a,h)anthracene	25.804	278	435758	41.59	ng		99
92) Benzo(g,h,i)perylene	26.509	276	408166	41.06	ng		97

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

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