Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
Data File : BP005261.D
Acq On : 12 Apr 2021 10:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Apr 12 11:06:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 18:44:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	29378	20.00	ng	#	0.00
21) Naphthalene-d8	10.469	136	93520	20.00	ng	#	0.00
39) Acenaphthene-d10	14.340	164	56848	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	124557	20.00	ng	#	0.00
76) Chrysene-d12	21.204	240	134931	20.00	ng		0.00
86) Perylene-d12	23.474	264	122953	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	247027	88.25	ng		0.00
7) Phenol-d6	6.863	99	267831	83.85	ng		0.00
23) Nitrobenzene-d5	8.840	82	261088	88.04	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	62103	86.54	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	364714	86.61	ng		0.00
79) Terphenyl-d14	19.680	244	609551	88.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	78379	47.42	ng	#	96
3) Pyridine	3.617	79	183735	49.59	ng		92
4) n-Nitrosodimethylamine	3.528	42	53054	48.50	ng	#	88
6) Aniline	7.016	93	145619	42.36	ng	#	81
8) 2-Chlorophenol	7.246	128	81281	40.46	ng	#	65
9) Benzaldehyde	6.828	77	88006	41.84	ng	#	66
10) Phenol	6.893	94	135284	41.36	ng		71
11) bis(2-Chloroethyl)ether	7.111	93	98813	42.15	ng		86
12) 1,3-Dichlorobenzene	7.563	146	89645	41.01	ng	#	79
13) 1,4-Dichlorobenzene	7.710	146	88439	40.97	ng	#	88
14) 1,2-Dichlorobenzene	8.028	146	82404	40.17	ng	#	87
15) Benzyl Alcohol	7.928	79	91405	41.31	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.210	45	50272	36.83	ng		67
17) 2-Methylphenol	8.128	107	71135	39.64	ng	#	80
18) Hexachloroethane	8.746	117	38122	40.72	ng		88
19) n-Nitroso-di-n-propyla...	8.493	70	81921	41.70	ng	#	85
20) 3+4-Methylphenols	8.458	107	92361	39.30	ng		85
22) Acetophenone	8.505	105	137964	41.87	ng	#	87
24) Nitrobenzene	8.881	77	134067	43.73	ng	#	63
25) Isophorone	9.410	82	204339	41.31	ng	#	81
26) 2-Nitrophenol	9.593	139	32466	38.13	ng	#	31
27) 2,4-Dimethylphenol	9.657	122	55076	39.95	ng	#	76
28) bis(2-Chloroethoxy)met...	9.893	93	95545	40.74	ng	#	95
29) 2,4-Dichlorophenol	10.128	162	62681	40.91	ng		87
30) 1,2,4-Trichlorobenzene	10.334	180	72998	41.55	ng		94
31) Naphthalene	10.516	128	207622	40.55	ng		99
32) Benzoic acid	9.828	122	33705	37.26	ng	#	53
33) 4-Chloroaniline	10.640	127	78424	41.10	ng	#	73
34) Hexachlorobutadiene	10.799	225	53071	43.60	ng		99
35) Caprolactam	11.446	113	19288	37.92	ng	#	78
36) 4-Chloro-3-methylphenol	11.775	107	80159	40.44	ng	#	73
37) 2-Methylnaphthalene	12.140	142	142151	40.94	ng	#	88
38) 1-Methylnaphthalene	12.363	142	134805	41.03	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	82340	42.99	ng	#	95
41) Hexachlorocyclopentadiene	12.487	237	40616	46.02	ng		96
43) 2,4,6-Trichlorophenol	12.763	196	51581	42.86	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	54918	41.82	ng	#	84
46) 1,1'-Biphenyl	13.169	154	181039	42.02	ng		94
47) 2-Chloronaphthalene	13.210	162	145241	42.65	ng		95
48) 2-Nitroaniline	13.422	65	59070	40.46	ng	#	40
49) Acenaphthylene	14.057	152	220234	41.81	ng		98
50) Dimethylphthalate	13.804	163	172398	41.31	ng		99
51) 2,6-Dinitrotoluene	13.928	165	40342	43.47	ng	#	1
52) Acenaphthene	14.404	154	134718	41.87	ng		99
53) 3-Nitroaniline	14.263	138	36092	39.25	ng	#	24
54) 2,4-Dinitrophenol	14.475	184	21008	38.90	ng	#	52
55) Dibenzofuran	14.745	168	232198	43.33	ng		91
56) 4-Nitrophenol	14.587	139	28809	40.52	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	56345	43.67	ng	#	6
58) Fluorene	15.398	166	188281	43.35	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	49276	42.14	ng	#	92
60) Diethylphthalate	15.175	149	180659	42.32	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	101200	44.41	ng		92
62) 4-Nitroaniline	15.434	138	38450	40.47	ng	#	15
63) Azobenzene	15.687	77	301020	45.70	ng	#	76
65) 4,6-Dinitro-2-methylph...	15.492	198	32575	38.95	ng	#	72
66) n-Nitrosodiphenylamine	15.616	169	157481	41.84	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	60923	42.81	ng	#	91
68) Hexachlorobenzene	16.404	284	65424	43.01	ng	#	85
69) Atrazine	16.575	200	56121	42.62	ng		99
70) Pentachlorophenol	16.757	266	38089	41.50	ng		97
71) Phenanthrene	17.145	178	291771	41.44	ng		100
72) Anthracene	17.239	178	287812	42.19	ng		98
73) Carbazole	17.516	167	267350	41.04	ng		99
74) Di-n-butylphthalate	18.075	149	295511	40.60	ng	#	95
75) Fluoranthene	19.128	202	348845	40.39	ng		98
77) Benzidine	19.316	184	109205	44.22	ng		98
78) Pyrene	19.480	202	363226	43.31	ng		98
80) Butylbenzylphthalate	20.357	149	113682	36.28	ng	#	53
81) Benzo(a)anthracene	21.192	228	356891	40.09	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	103517	39.74	ng		98
83) Chrysene	21.245	228	350839	40.51	ng		98
84) Bis(2-ethylhexyl)phtha...	21.116	149	178539	36.26	ng		98
85) Di-n-octyl phthalate	21.998	149	306637	34.67	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.810	276	348752	37.10	ng	#	94
88) Benzo(b)fluoranthene	22.792	252	333222	41.40	ng	#	96
89) Benzo(k)fluoranthene	22.833	252	339188	43.97	ng	#	98
90) Benzo(a)pyrene	23.380	252	305625	41.03	ng	#	95
91) Dibenzo(a,h)anthracene	25.821	278	304446	37.15	ng	#	95
92) Benzo(g,h,i)perylene	26.521	276	289647	36.55	ng	#	94

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

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